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# ALASKA

# PUBLIC UTILITIES

# COMMISSION

## THIRTEENTH ANNUAL REPORT

## TO THE

## LEGISLATURE

**FOR THE YEAR ENDING**

**DECEMBER 31, 1982**

BEST AVAILABLE COPY

STATE OF ALASKA

BILL SHEFFIELD, GOVERNOR

# ALASKA PUBLIC UTILITIES COMMISSION

DEPARTMENT OF COMMERCE AND ECONOMIC DEVELOPMENT

420 "L" STREET
SUITE 100
ANCHORAGE, ALASKA 99501
(907) 276-6222

April 29, 1983

The Honorable Joe L. Hayes
Speaker of the House
and
The Honorable Jalmar M. Kerttula
President of the Senate

Gentlemen:

Pursuant to AS 42.05.211, we herewith submit to the Legislature through your offices the Thirteenth Annual Report of the Alaska Public Utilities Commission covering the calendar year ended December 31, 1982.

Respectfully yours,

ALASKA PUBLIC UTILITIES COMMISSION

Chairman

Commissioner

Commissioner

Commissioner

Commissioner

-H&LH

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# THE ALASKA PUBLIC UTILITIES COMMISSION

Carolyn S. Guess, Chairman
Marvin R. Weatherly
Susan M. Knowles
Diana E. Snowden
Louis E. Agi

Carolyn S. Guess, Chairman (Assumed Commissionership October 1, 1975 - current term ends September 28, 1987; Appointed Chairman March 17, 1981): College of William & Mary (BA); Acting Executive Director, APUC, 1979; Committee on Administration, National Association of Regulatory Utility Commissioners; Vice Chairman of Alaska Educational Broadcasting Commission; born September 24, 1934, Montclair, New Jersey.

Marvin R. Weatherly, Commissioner (Assumed Commissionership September 2, 1975 - current term ends October 31, 1984): Capitol Radio Engineering Institute; Member, Member - Permanent Federal/State Joint Board on Telecommunications; Committee on Communications, National Association of Regulatory Utility Commissioners; U.S. Marine Corps; Engineer for Bendix Radio-Alaska; Chief Engineer of Northern Television - Alaska; Project Manager of Page Communications Engineers - Viet Nam; Deputy Director, Viet Nam Operations, Control Data Corp.; Executive Director of Alaska Educational Broadcasting Commission; Director of Governor's Office of Telecommunications; born June 1, 1932, Fresno, California; married.

Susan M. Knowles, Commissioner (Assumed Commissionership October 1, 1975 - current term ends September 28, 1987): Vassar College (BA) Political Science; University of Alaska (MBA) Business Administration - Finance; Second Vice President - National Association of Regulatory Utility Commissioners; Executive Committee, Western Conference of Public Service Commissions; Advisory Council, Gas Research Institute; Committee on Gas, National Association of Regulatory Utility Commissioners; Community Enterprise Development Corporation; property investment finance manager; restaurateur; born December 4, 1946, New York, New York; married, two children.

Diana E. Snowden, Commissioner (Assumed Commissionership September 28, 1981 - current term ends October 31, 1986): Trinity College (BA) Political Science; Georgetown University (MA) Government; Vice President of Industrial Relations, Alascom, Inc. and Telephone Utilities, Inc. (1979-1981); Director of Employee Relations, Anchorage School District (1973-1979); Assistant Vice President and Treasurer, Westwood Management Corp. (1970-1973); Marketing Manager, Systems Research Corp. (1969-1970); Chairwoman, Alaska State Commission for Human Rights (1976-1981); born October 29, 1947, New York, New York.

Louis E. Agi, Commissioner (Assumed Commissionership February 7, 1983 - current term ends October 31, 1988): Columbia College, Columbia University (BA) Experimental Psychology, 1963; New York University School of Law (LL.B.), 1966; Assistant Attorney General, State of Alaska (Alaska Public Utilities Commission); Assistant District Attorney, Anchorage, Alaska; District Attorney, Second Judicial District, Alaska; private practice; admitted to practice in Alaska, Florida and New York; born June 11, 1941, New York, New York.

## STATUTES AND REGULATIONS

### THE STATUTES

The Alaska Public Utilities Commission Act (AS 42.05), enacted in 1970, created a full time administrative agency to regulate public utilities within the State. The jurisdiction of the Commission extends to telecommunications, electric, gas, steam, water, sewer, and garbage utilities as defined by the Act. In 1981, the Legislature amended the Alaska Pipeline Commission Act (AS 42.06) to merge the Alaska Pipeline Commission into the Alaska Public Utilities Commission. The jurisdiction of the Alaska Public Utilities Commission was extended to pipeline carriers and pipelines.

A public utility providing service for compensation to more than ten customers is required to obtain a certificate of public convenience and necessity from the Commission. A certificate describes the nature and extent of authority granted to the public utility, including a description of the authorized service area and the scope of operations of the utility. No certificate may be issued unless the Commission finds that the applicant is fit, willing, and able to provide the utility service requested, and that the service is required for the convenience and necessity of the public. Similarly, pipeline carriers subject to the Commission's jurisdiction must secure a certificate of public convenience and necessity. A certificate for pipeline carriers generally includes the same information found in a public utility certificate.

The Commission is responsible for making or requiring just, fair, and reasonable rates, classifications, regulations, practices, services, and facilities for public utilities and pipeline carriers. The Commission has the authority to investigate, hold hearings, prescribe systems of accounts, require the filing of reports, and take other lawful actions necessary to accomplish the stated purposes of AS 42.05 and AS 42.06. The Commission is also responsible for certain decision-making necessary for the administration of the power production cost assistance program for electric utilities under the provisions of AS 44.83.162-164.

A number of certificated utilities are exempt from economic regulation by the Commission, including:

(1) public utilities owned and operated by a political subdivision of the State, none of whose utilties is in competition with any other utility, unless the political subdivision elects to be regulated by the Commission;

(2) electric or telephone utilities with annual gross revenues of less than $350,000, if the customers elect exemption;

(3) utilities, other than electric or telephone utilities, with annual gross revenues of less than $100,000, if the customers elect exemption;

(4) cooperative utilities organized under AS 10.25, if their members elect exemption;

(5) garbage utilities with annual gross revenues of less than $200,000, unless 25% of the customers or customers paying 25% of the utilities' gross revenues have petitioned the Commission for regulation;

(6) cable television utilities, unless they serve a city or village of less than 3,500 people not located on a state road or marine highway. Unless extended by the legislature, this exemption will expire in 1983.

Electric and telephone utilities with gross revenues of less than $50,000 are exempt from both certification requirements and economic regulation, unless 25 percent of their customers petition for regulation.

There are five commissioners appointed by the Governor and confirmed by the Legislature for six-year terms of office. In addition to the business, engineering, and law members, there are two consumer members of the Commission.

## REGULATIONS

The regulations adopted by the Commission are set forth in Title 3, Part 5, Chapter 48 (Practice and Procedure), Chapter 49 (Deregulation), Chapter 50 (Energy Conservation), and Chapter 52 (Operation of Public Utilities) of the Alaska Administrative Code. The Commission also administers regulations adopted by the Alaska Pipeline Commission, Title 3, Part 4A, Chapter 43. The energy conservation regulations were adopted in 1982, pursuant to the Public Utilities Regulatory Policy Act of 1978 (PURPA). Among other things, they govern interconnection and sales of power between electric utilities and cogenerators and small power producers.

ALASKA PUBLIC UTILITIES COMMISSION

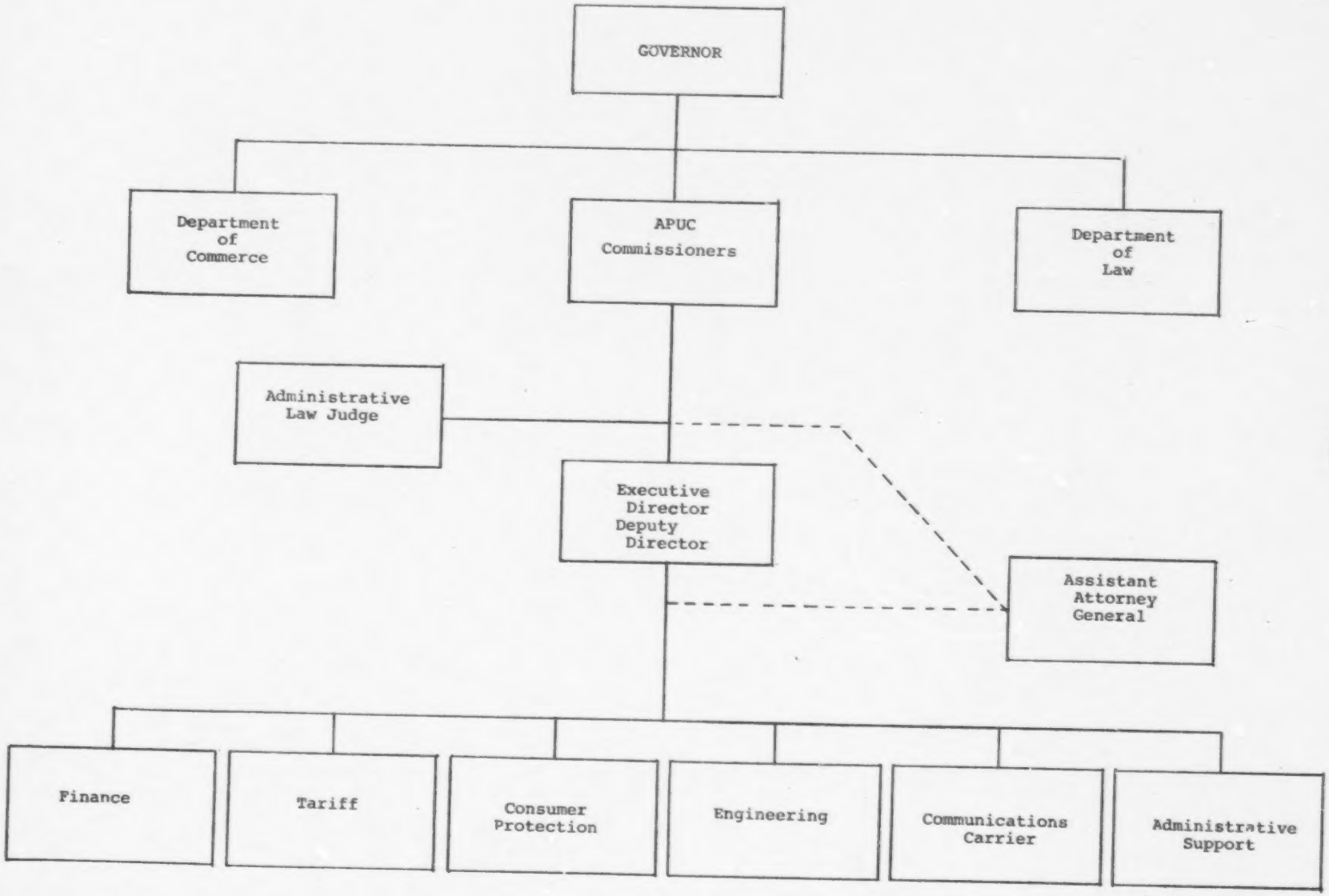
BUDGET FISCAL YEAR 1982

| INITIAL LEGISLATIVE APPROPRIATION | |
|---|---|
| Acct 100 Personal Services | $1,967,932.17 |
| Acct 200 Travel | 105,432.33 |
| Acct 300 Contractual Services | 1,352,139.41 |
| Acct 400 Commodities | 20,236.07 |
| Acct 500 Equipment | 145,411.61(1) |
| TOTAL INITIAL APPROPRIATION | $3,591,151.59 |

| EXPENDITURES | |
|---|---|
| Acct 100 Personal Services | $1,912,428.88 |
| Acct 200 Travel | 101,513.24 |
| Acct 300 Contractual Services | 1,190,243.18 |
| Acct 400 Commodities | 19,859.13 |
| Acct 500 Equipment | 114,497.65 |
| TOTAL EXPENDITURES | $3,338,542.08 |

| RECEIPTS FORWARDED TO GENERAL FUND | |
|---|---|
| Fines and Forfeitures | $ -0- |
| Sale of Public Documents | 6,357.96 |
| Allocable Hearing Costs | 12,449.16 |
| Jury and Workmen's Compensation Recovery | -0- |
| Application Fees - Certificates | 2,100.00 |
| TOTAL RECEIPTS | $ 20,907.12 |

(1) Equipment monies not used, and carried forward as continuing funds to next fiscal year, include $30,583.85 for APUC computer system.


GOVERNOR
Department of Commerce
APUC Commissioners
Department of Law
Administrative Law Judge
Executive Director Deputy Director
Assistant Attorney General
Finance
Tariff
Consumer Protection
Engineering
Communications Carrier
Administrative Support

## COMMISSION STAFF

| | |
|---|---|
| Executive Director | John B. Farleigh, C.P.A. |
| Deputy Director | Ted Moninski |
| Chief Hearing Officer | Janis C. Williams |

**Engineering, Environmental Protection & Planning Section**

| | |
|---|---|
| Utilities Engineer V (Chief) | Peter Sokolov, P.E. |
| Utilities Engineer IV | Rudolph L. Bertschi, P.E. |
| Utilities Engineer IV | William E. Marshall |
| Utilities Engineer III | Michael J. Tavella |
| Utilities Engineer III | Lorraine Plaga |
| Utilities Engineer II | Michael G. Krieber |

**Consumer Protection & Information Section**

| | |
|---|---|
| Consumer Prot. & Info. Officer III (Chief) | Ray Wipperman |
| Consumer Prot. & Info. Officer I | Pat Pignatelli |

**Finance & Accounts Section**

| | |
|---|---|
| Utility Financial Analyst IV (Chief) | Carolyn L. Evans, C.P.A. |
| Utility Financial Analyst III | Paula M. Benepe, C.P.A. |
| Utility Financial Analyst III | Robert D. Neilson |
| Utility Financial Analyst III | Joseph G. Franco |
| Utility Financial Analyst III | James M. Longway |
| Utility Financial Analyst II | Charles G. Bolle |
| Utility Financial Analyst II | Steven A. Pratt |
| Utility Financial Analyst II | Vacant |
| Utility Financial Analyst I | Robert A. Thomas |
| Economist II | Michael A. Brogan |

**Communications Carrier Section**

| | |
|---|---|
| Chief of Section | Kathleen L. Whiteaker, C.P.A. |

**Tariff Section**

| | |
|---|---|
| Tariff Analyst IV (Chief) | Judith L. M. White |
| Tariff Analyst II | Karen M. Rosen |
| Tariff Analyst I | Doreen A. Jackson |

**Legal Section**

| | |
|---|---|
| Assistant Attorney General | Virginia A. Rusch |
| Assistant Attorney General | Mark L. Figura |
| Associate Attorney I | Jeanne McPherren |
| Paralegal Assistant I | Mary Fitzgerald-Jones |
| Paralegal Assistant I | Dawn Bishop-Kleweno |

## Commission Actions: A Review and Forecast

The goal of the Alaska Public Utilities Commission (APUC) is to balance the interests of both Alaskan consumers and the public utilities which provide service to them. The APUC must ensure safe and reliable service at reasonable rates and, at the same time, allow utility companies to maintain a viable financial posture. In that regard, the Commission in 1982 saw a continued expansion of traditional requests for rate relief and service expansion. In addition to the typical cases, the APUC was presented with a wide variety of complex issues including the restructuring of telephone and electric rates, developing statewide energy policy, intensified monitoring of electric and telephone service and safety issues, investigation of a utility's management practices and a rehearing of the duplication and transfer of facilities involving the State's two largest electric utilities.

In addition to its regulation of public utilities, the Commission is also charged by statute with the duty to regulate intrastate oil, natural gas, and products pipelines. The Commission assumed its pipeline duties in mid-1981 as a result of the merger of the Alaska Pipeline Commission into this Commission. During 1982 the Commission continued the ongoing development of pipeline regulatory policy begun after the merger in 1981.

## Telecommunications

As numerous media reports have announced, national telecommunications policy is being redefined, and the results of several recent and upcoming decisions by the Federal Communications Commission (FCC) will have a significant effect on telecommunications service and rates throughout the nation. These decisions will affect Alaskans in several different ways: the rates consumers pay for local exchange service will be unbundled (divided into separate cost components); rates for installations and other similar services will increase significantly; costs previously paid by interstate toll rates may have to be recovered through intrastate services; and the rates for both interstate and intrastate long distance services must be restructured. Though charged with implementing the FCC decisions, the goal of this Commission is to minimize the

adverse impact of increasing rates on the quality and availability of telephone service in Alaska.

The FCC requirement that as of January 1, 1983, all newly-offered customer-premises equipment be detariffed (deregulated) has necessitated local exchange telephone utilities to unbundle (break out) the rates they charge for basic service into separate elements and to file tariff revisions with state commissions showing a separate charge for the telephone instrument. During 1983, the APUC will consider unbundling proposals from all 20 of the State's local exchange telephone utilities in response to the unbundling procedures and guidelines established by the Commission in 1982 after hearing and written comments by the affected utilities.

In another decision the FCC required local exchange telephone utilities to change the accounting treatment for telephone installations. Previously most installation costs were recovered through monthly rates over a long period of time; as a result of the FCC decision, by year end 1983 almost all installation costs will be charged to customers at the time the installations take place. All telephone utilities regulated by the APUC which do not already have fully cost-based installation charges will be required to file tariff revisions for such rates during 1983.

Of equal importance to the above two federal decisions is the current consideration by a Federal/State Joint Board of how to divide costs between the interstate and intrastate jurisdictions. At present, a portion of what are termed "non-traffic sensitive" costs of local telephone companies are recovered in the rates of long distance carriers, in recognition of those carriers' use of local telephone facilities to complete long distance calls. The FCC's decision provides instead that those costs eventually will be recovered directly from local telephone customers through flat-rate charges. The plan, which will be phased-in over a seven-year period, is scheduled to take effect on January 1, 1984.

The APUC has joined the State of Alaska in petitioning the Joint Board to consider, as it examines the cost allocation process, the need for universal telephone service which can only be achieved if telephone service is offered at reasonable rates.

## Other Telecommunications Actions

During 1982, the APUC also considered numerous requests from telephone utilities to extend their service areas to provide local exchange service in rural Alaska. The APUC granted authority to Copper Valley Telephone Cooperative, Inc., North Country Telephone Company, Sitka Telephone Company, and United Utilities, Inc., to provide local exchange service to more than fifty villages previously served by a single "bush" telephone in each village. Deliberations on the application by Bristol Bay Telephone Communications Cooperative, Inc., to extend local exchange service to an additional eight villages will conclude early in 1983.

As construction of exchanges in these villages continues, the goal of former Governor Egan to bring telephone service to all Alaska communities with populations of 25 or more is approaching reality.

In the area of telecommunication rate proceedings, 1982 saw a final determination of a revenue requirement for Alaska's largest utility, Alascom, Inc.; review of Alascom's rate design will begin in 1983. A major Commission policy established in the telephone rate proceeding of Glacier State Telephone Company requires computation of local rates on a stand-alone basis without consideration of intrastate or interstate costs or revenues.

Recognizing that technological developments require reevaluation of regulatory responsibilities, the APUC in 1982 exempted radio common carrier utilities from most economic regulation. The Commission's decision to economically deregulate these utilities followed a finding that the industry was not a natural monopoly and that competition, rather than regulation, could be relied on to keep rates at reasonable levels.

The APUC continues to certificate cable television utilities and radio common carrier utilities; in 1982 numerous requests for new certificates or amendments of certificates in these utility areas were filed with the Commission. Of note was approval of the application of InletVisions to provide cable television service to the Kenai/Soldotna areas.

## Energy

The availability of natural gas in the Anchorage Bowl area continued to be of concern to the APUC during 1982. As a result of shortages during the 1981-82 winter months, the Commission approved an interim plan between ENSTAR Natural Gas Company and its power plant customers for interruption of supply and the sharing of additional fuel costs associated with interruption. The gas supply outlook significantly improved in late 1982 when ENSTAR announced successful negotiation of contracts for additional gas supplies at favorable prices. These contracts were subsequently reviewed by APUC Staff and have been approved by the Commission.

Energy service area expansion requests were also filed with the Commission in 1982. In addition to nine applications submitted by electric utilities to serve new areas, Alaska Pipeline Company, a wholly owned subsidiary of ENSTAR, has filed and received approval of an application to extend its natural gas transmission line from the Beluga gas fields through the Matanuska Valley to the Anchorage bowl.

## Rate Cases

The APUC's caseload for 1982, as in prior years, required a significant allocation of time and resources to rate cases and related proceedings. Two gas utilities, ENSTAR and Kenai Utility Service Corporation, were granted rate relief and six of the larger electric utilities received new permanent rates in 1982. Included in some of the latter requests were several important rate design issues which are discussed in more detail below. Smaller utilities receiving rate relief included Nushagak Electric Cooperative, Inc., Yakutat Power, Inc., and Pelican Utility Company. (See pages 36 and 37).

## Special Programs

The price of diesel fuel appeared to stabilize in 1982, resulting in fewer requests to change fuel surcharges for those utilities relying on diesel fuel as a primary generation source. However, in comparison with 1981, the

Commission received more surcharge requests from utilities which rely on purchased power or have multiple sources of generation, such as Homer Electric Association, Inc. (HEA), Matanuska Electric Association, Inc. (MEA), and Golden Valley Electric Association, Inc.

During the course of 1982, the Commission received 76 filings requesting initial or revised assistance from utilities participating in the power cost assistance program. These filings were submitted by 18 utilities which are regulated by the APUC and 19 utilities which are unregulated. (See AS 44.83.162.) The Commission's Staff continues to assist utilities in applying for assistance under this program.

Rate Designs

The Commission spent a significant portion of its time resolving rate design matters in 1982.

Decisions were rendered on the rate redesign requests of Golden Valley Electric Association and Alaska Electric Light and Power (AEL&P). Both of these cases included heavy public input. In each proceeding the APUC approved a customer charge and a flattened block rate structure for energy charges. The Commission expressed its policy statement that rate structures should not only reflect the cost of service but also provide information to consumers which indicate the extent to which they could control the amount of their energy bills. The Commission ordered both utilities to pursue experimental rate pricing programs and load management research in order to gather information concerning time-of-day and peak/off-peak usage.

AEL&P was also required to implement seasonal rates to encourage conservation during the seasonal peak usage period. Due to anticipated capacity limitations, AEL&P has subsequently requested Commission approval of a plan to place a moratorium on new electric heat and hot water service requests. The Commission has suspended implementation of the proposed moratorium subject to the receipt of additional information from the utility and a public hearing in Juneau in 1983.

Also approved in 1982 was a redesign of Anchorage Municipal Light & Power's rate structure. The cost of service study documented increased expenses

to commercial service and a reduction to expenses of residential consumers. The new rate structure reflects the commercial growth and decrease in residential consumption in the utility's service area.

Because the fixed, customer-related charge[1] of $20 instituted in 1981 by MEA generated significant customer protest, the APUC ordered it reviewed as a part of the rate proceeding initiated by MEA in late 1982, which was scheduled for hearing and decision in 1983.

A rate redesign was also approved for Kenai Utility Service Corporation in 1982. In 1983 the Commission will consider rate redesigns for Kodiak Electric Association, Inc., ENSTAR Natural Gas Company and Copper Valley Electric Asscciation, Inc. (The latter is the first regulated electric utility to purchase wholesale power from the Alaska Power Authority.)

In 1983, the Commission intends to open a generic docket to consider cost of service (allocation of costs among customers) and rate design issues including minimum charges, flat rates, facilities charges, etc.

Chugach Electric Association, Inc.

A large portion of the APUC's 1982 workload was devoted to cases involving Chugach Electric Association, Inc. (Chugach). Chugach as the largest electric utility in the State provides power directly to over 55,000 Anchorage consumers and indirectly, through wholesale power contracts to MEA, HEA, and the City of Seward.

In May, 1982, the APUC held hearings concerning Chugach's request for an increase in its total company revenue requirement of 38.04 percent. Finding Chugach in a "financial crisis," the Commission granted a two-step increase effective in July and October of 1982 when Chugach's new generating unit at Beluga became functional. The unit is designed to provide long-range savings

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[1]The fixed customer charge recognizes the separate cost component for administering the system and for bringing electricity to a customer's premises regardless of whether any energy is used, and allows the utility to recover that cost.

through the use of waste heat. To ensure that savings from waste heat generation are passed on to consumers, the Commission required Chugach in January, 1983, to implement a cost-of-power flowthrough which reflects increased or decreased fuel costs on monthly customer bills. The hearing on Chugach's proposed rate structure which incorporated the approved rate increase was concluded in 1982. The Commission's decision is expected by June, 1983, and will address proposed modifications to the number of customer classes, the existing declining rate structure, the appropriate allocation of costs, including demand to Chugach's wholesale customers.

The APUC also has under consideration Chugach's wholesale power contracts, amended in 1982, with MEA, HEA, and the City of Seward, which raises the issue of Commission jursidiction over the contracts.

In response to a Commission inquiry, Chugach has stated that it is jointly investigating with MEA and HEA the formation of a separate generation and transmission cooperative that might reduce its current financial requirements imposed by its lenders, the Rural Electrification Administration. The APUC has opened an investigation into this matter and is monitoring the status of this proposal through periodic progress reports from Chugach.

As a result of the history of Chugach's dealings with the Commission and prior consumer comments and testimony in late 1981, the Commission concluded that an investigation into the management practices of the utility was necessary. An independent audit of Chugach's management practices was completed and submitted in August, 1982, by Theodore Barry & Associates. Recommendations for improvement in areas including general organization and planning, union contracts, fuels management, construction and operations were contained in 156 recommendations. Extensive public hearings on the findings and recommendations were held in November, 1982, at which Alaska Consumer Advocacy Program (ACAP) participated as an intervenor. An order accepting all of the audit recommendations was issued by the Commission in early 1983 which required the utility to file its plan to implement the recommendations by April 1, 1983, as the Commission continues its oversight of Chugach.

Other significant issues involving Chugach arose in 1982. Rate cases filed by both Anchorage Municipal Light and Power (ML&P) and Chugach again pointed out the need for power pooling and improved interconnection between the

two utilities in order to significantly reduce costs to both utilities. The management audit also indicated that in addition to improved reliability, the reduction of costs would result from improved interconnection between the two utilities.

Chugach and ML&P have indicated an interest in cooperating to optimize opportunities for interconnection and, as ordered by the Commission have filed their respective views on how to effect this interchange. The Commission intends to closely monitor this subject.

In September and October, 1982 and January, 1983, the Commission held extensive hearings on the transfer of duplicated electric distribution facilities between Chugach and ML&P. The proceeding, begun in 1971 and remanded to the Commission by the Alaska Supreme Court in 1979, was initiated because of the inability of the utilities to agree on respective service areas and the wasteful duplication of transmission and distribution facilities. In 1973, the Commission determined revised, exclusive service areas for each utility and devised a method by which the facilities of each utility located in the other utility's service area would be retired or transferred. Those determinations were ultimately appealed to the Alaska Supreme Court, which in 1978 affirmed the Commission's service area determination but directed the Commission to hold additional hearings on the methodology, valuation, transfer and retirement of duplicate facilities. The ultimate goal of the extended proceedings is the elimination of wasteful duplication of electric distribution facilities, which should result in reduced costs to both electric utilities.

## Pipeline Regulatory Activity

### Trans-Alaska Pipeline System

Intrastate tariff proceedings for the Trans-Alaska Pipeline System (TAPS) continued to occupy a great deal of the Commission's time and resources during 1982. These proceedings, which were begun in 1977 by the Commission's predecessor agency, the Alaska Pipeline Commission, are being conducted concurrently with similar proceedings of the Federal Energy Regulatory Commission (FERC) concerning the interstate tariffs on TAPS.

The TAPS proceedings before this Commission and the FERC were divided into two phases. Phase I addressed the appropriate methodology to calculate the TAPS revenue requirement including rate base, rate of return, and treatment of taxes. Phase II has been divided into what are labeled "cost of construction" and "non-cost of construction" issues. The cost of construction portion of Phase II relates to the prudency of the total costs to build TAPS. The non-cost of construction portion of Phase II is comprised of all those issues remaining to be decided in the case including depreciation, operating expenses, throughput, dismantling, removal and restoration expense, and allocation of service between interstate and intrastate shippers.

Decisions of both agencies on Phase I of the case were issued in 1980 and were appealed by the parties to the full Commission in the case of the FERC proceeding and to the Alaska Superior Court in the case of the Alaska Pipeline Commission decision.

The FERC appeal was considered in conjunction with the Williams Pipe Line Company case, which had been designated by the FERC as the precedential case which would determine how all oil pipelines would be regulated by the FERC. On November 30, 1982, the FERC issued its decision in Williams Pipe Line. Because that decision established a method of regulating pipelines which was different from the method determined by the FERC administrative law judge in Phase I of the TAPS case, the FERC remanded Phase I of the TAPS case to the administrative law judge so that evidence could be taken on the issue of whether the method of regulating oil pipelines prescribed by the Williams case is appropriate for the regulation of TAPS. Discovery and filing of testimony in this remanded proceeding will continue through 1983 with hearings to be held in January, 1984. Although this Commission is not required to follow the method of regulation chosen by the FERC, it will give consideration to this alternative.

The appeal of the Alaska Pipeline Commission Phase I decision was briefed by the parties including Staff of the Commission, during 1981 and 1982. Oral argument was held in April, 1983, with a decision expected later in the year. In the event of a remand by the court, this Commission will be faced with the additional workload of reconsidering the Phase I decision as well as proceeding with Phase II issues.

Hearings on the prudency of expenditures on TAPS, the so-called cost-of-construction issue, extended over a ten-month period beginning in February and continuing through December, 1982. The hearings were held concurrently before administrative law judges from this Commission and the FERC in Washington, D.C..

One important non-cost-of-service issue in Phase II of the case was settled by the parties during 1982. For purposes of depreciation, the parties agreed to set the useful life of the pipeline at approximately 34.5 years. That agreement was approved by this Commission and the FERC.

Under the current schedule, concurrent hearings on the remaining issues in Phase II of the case, with the exception of the prudency of construction issue, will be held in Washington, D.C. beginning in May, 1983. Further hearings on the prudency issue will be held from June to September, 1983 and again in spring, 1984.

Pursuant to a change in AS 42.06 enacted in 1981 which allows allocation of costs in a proceeding prior to completion of the proceeding, the Commission in 1982 allocated $2,035,727 in costs to the parties in the TAPS case. The TAPS carriers have requested reconsideration of the Commission's allocation which may necessitate further hearing.

Other Major Pipeline Proceedings

In September, 1982, the Commission conducted hearings concerning the justness and reasonableness of the intrastate tariff rates of Cook Inlet Pipe Line Company which were the result of two separate substantial rate increases previously filed by Cook Inlet Pipe Line and suspended by the Commission. This case contains complicated issues of pipeline regulation, many of which are issues of first impression before this Commission. In addition, the Commission has under consideration a subsequent rate increase filed by Cook Inlet Pipe Line in December 1982.

In August, 1982, Kenai Pipe Line Company filed tariff revisions by which it seeks to remove its marine terminal facilities at Nikiski from economic regulation of this Commission. This case raises another issue of first impression concerning the Commission's pipeline jurisdiction.

The Commission also has under consideration an application by Kuparuk Pipeline Company to extend its pipeline to connect the Kuparuk River Unit's second Central Production Facility, now under construction, to the existing Kuparuk and TAPS pipeline systems. In addition, Kuparuk Pipeline proposes to replace its existing 16-inch line with a 24-inch line. The application was filed in October, 1982, and public hearing was held by the Commission in April, 1983.

## Water and Wastewater

Under a program to consolidate water utilities in the Municipality of Anchorage, Anchorage Water Utility filed several requests in 1982 to amend its certificate to include areas served by smaller utilities. Two water utilities were intertied to the Anchorage system in 1982, and three Eagle River systems will be intertied in 1983.

Another interconnection proceeding will continue before the APUC in 1983. That case involves two Fairbanks wastewater utilities--the Fairbanks Municipal Utilities System (FMUS) and College Utilities Corp. Cost-of-service studies must be analyzed to determine the fee that should be paid to FMUS by College Utilities Corp. to cover its share of the interconnection costs.

Brought to a close in 1982 was the proceeding considering a request by Anchorage Sewer Utility to consolidate the rates in its three service areas: the Anchorage Bowl, Girdwood, and Eagle River. The Commission found that compelling social, economic, and political considerations required approval of the consolidation request and resultant uniform rates.

The APUC expects to consider rate redesign requests from both Anchorage Water Utility and Anchorage Sewer Utility in 1983 as a determination of a reasonable level of revenues was established by the Commission in 1982.

## Regulations

### PURPA

On June 12, 1982, the Commission adopted regulations (3 AAC 50.750-.820) implementing rules of the FERC as mandated under section 210 of the

federal Public Utility Regulatory Policies Act (PURPA). These regulations are intended to encourage the development of small power production and cogeneration facilities and govern the interconnections, purchases and sales of electric power between an electric utility and a qualifying small power production or cogeneration facility. While renoticing of the adoption of these regulations was issued in July, no additional comments were filed and the regulations became effective on November 20, 1982.

Tariff filings implementing the non-firm power provisions of these regulations are required to be submitted to the Commission in 1983 by all economically regulated electric utilities. Tariff filings implementing other non-firm and firm power provisions must be filed in response to requests by qualifying facilities.

The Commission's regulations (3 AAC 50.100-.600) implementing three of the five regulatory policy standards set forth in sections 113(b) and 303(b) of PURPA also became effective in 1982. These regulations which prohibit master metering require electric utilities to provide information to consumers; and prohibit some costs of advertising from being recovered through rates of regulated electric and natural gas utilities.

Electric Service Standards

In mid-December the Commission held a public hearing regarding the adoption of proposed regulations (3 AAC 52.400-.510) setting forth service and safety standards for those electric utilities subject to the regulatory jurisdiction of the Commission. The purpose of the proposed regulations is to ensure that safe, reliable and prompt service is rendered to the public; they also address such concerns as business office standards, denial of service, quality of service, metering of electric energy, engineering standards, maintenance and testing of equipment, and safety standards for interconnection to qualifying cogenerators and small power producers. Subsequent to the hearing, the electric utilities and Commission Staff were to schedule and conduct workshops to prescribe proposed changes to the regulations. The parties comments have been received for consideration, and the Commission anticipates renoticing these proposed standards with a goal towards having them adopted and effective by year-end 1983.

## Regulations Revisions

The Commission also made considerable progress towards the completion of proposed substantive changes in its regulations as a result of legislation enacted in 1980 and the merger of the Alaska Pipeline Commission and APUC in 1981.

Two hearings have been held thus far as a result of comments from utilities, pipeline carriers and other interested parties. The Commission anticipates the necessity of another hearing in mid-1983 and completion of the project before the end of calendar year 1983.

## Standard Fuel Cost Rate Adjustment Procedures

In a generic proceeding applicable to all regulated electric utilities, the Commission held hearings in 1982 on the subject of fuel surcharges. With the dual goals of developing a general and equitable method for calculating costs which could be recovered through fuel surcharges and at the same time reducing regulatory costs, the Commission hopes to develop a general procedure applicable to all utilities and adaptable to the Commission's automated data processing facilities.

# Other Proceedings

This section of the APUC Annual Report includes a discussion of several items which, while unrelated, deserve specific emphasis.

## Service and Safety

Intensified monitoring of utility service and safety standards by the Commission and its Staff, particularly in rural Alaska, took place in 1982. Several examples of utility safety and service problems pointed to the need for not only an increased Commission response to emergencies but also to a program

of ongoing preventive investigations. The following are specific examples of problems reaching crisis proportions:

-Bethel, June-July, 1981: The community of Bethel was virtually without telephone service for approximately two weeks due to severe equipment malfunction and overloading.

-Juneau/Bethel: Staff informally intervened to prevent the installation of central office telephone switches which were about to be discontinued by the manufacturer. Not only would spare parts have been a problem, but premature retirement of the equipment would have resulted in significant costs being absorbed by Alaskan rate payers in these service areas.

-Cold Bay/Tanana: Staff investigations in these two rural Alaskan communities revealed hazardous electrical conditions, in one case in a schoolyard. The Commission observed that at a time of rapid expansion of services in bush communities, there can be a tendency to sacrifice service and safety standards to meet installation schedules and the demands of consumers.

In July the Department of Labor filed a formal complaint before the Commission alleging that the construction of Alaska Power and Telephone Company's Tanacross to Dot Lake transmission line is in violation of numerous provision of the National Electric Safety Code. The company denied DOL's allegations. The matter was set for hearing in January, 1983. A Stipulation was entered into by the parties wherein Alaska Power and Telephone Company would pay a DOL-approved engineer to inspect the facilities and make recommendations for corrections/upgrade by the utility, which it agreed to do.

In October, the Commission instituted an investigation into the management practices of and quality of service provided by Alaska Power and Telephone Company and its sister utility, National Utilities, Inc. The investigation was prompted, in part, by the large volume of informal complaints received from the utilities customers and a Commission Staff investigation. As part of its investigation, the Commission ordered Staff to conduct hearings in Craig, Hydaburg, Tok, and Skagway. These hearings were conducted in November and December. Results of Staff's investigation and further Commission actions are expected in 1983.

## Cable Television

In 1980 the Legislature acted to temporarily deregulate most aspects of cable television (CATV) operations (Section 13, Ch. 136, SLA, 1980). While the Commission continues to evaluate applications for new or expanded CATV services, other traditional areas of regulation; i.e., rates and charges, quality of service, management practices, and customer complaints, have been discontinued. Although an occasional consumer complaint is received, it is the perception of the APUC that economic deregulation of CATV operations is in the public interest. The Legislature will once again take up the issue of continued deregulation in 1983.

## Consumer Input

The role of consumer input in general, and the consumer advocate specifically, increased significantly in 1982. Consumer input takes a variety of forms ranging from informal telephone contacts to complaint or protest letters and, finally, to formal status as intervening parties in cases before the Commission.

Informal complaints and inquiries from utility customers are forms of consumer input that afford the Commission an opportunity to evaluate not only consumer problems but also consumer perception of utility problems and regulatory actions. Organized consumer groups also provide informal input into Commission proceedings.

Formal intervention, which resulted in the filing of a direct case, cross examination of witnesses, argument and filing of briefs, was granted by the Commission to the Alaska Consumer Advocacy Program in three proceedings involving Chugach Electric Association Inc., and a proceeding involving Golden Valley Electric Association Inc.

One example of the impact of consumer involvement is found in the MEA rate case. MEA proposed a $20 facilities charge and a two-step declining energy rate structure. During the two-month period following the implementation of the new rate design, the Consumer Protection Section Staff received numerous telephone calls in addition to letters and consumer visits which protested the

facilities charge. Because consumer acceptance is one of the rate design criteria recognized by the Commission, the Commission, as indicated above, will address the reasonableness of MEA's current rate design proposal to reduce the facilities charge to $15 and establish three declining rate blocks in 1983.

## National Policy Participation

The narrative above highlights 1982 activity as well as projects some of the significant issues that will impact the following year. In support of the forecast of Commission activity for 1983, two events are most notable. Commissioner Susan M. Knowles was recently elected Second Vice President of the National Association of Regulatory Utility Commissioners. In this capacity, Commissioner Knowles will be in frequent contact with, and will have a meaningful influence upon, the development of regulatory policy both at the state and national levels. Equally important is Commissioner Marvin R. Weatherly's recent appointment to the Federal/State Joint Board composed of four commissioners from state regulatory commissions and three Commissioners from the FCC to jointly develop the framework within which the interstate and intrastate telecommunications networks must interact. Commissioner Weatherly's appointment is significant not only because he is the only western Commissioner on the Joint Board but also because of his ability to represent Alaskan interests, and those of rural America, at a time of genuine concern for policy development at the federal level.

## Conclusion

In addition to the many regulatory dimensions discussed in the text of this report, the Commission continues its efforts at improving service to the public and in its own administrative efficiency.

Joining the Commission in its efforts in 1983 is Commissioner Louis E. Agi, appointed by Governor Sheffield to replace Stuart C. Hall whose term had expired.

The reader is invited to study the following pages which provide additional information about the organization of the APUC, statistical representations of the Commission caseload, and utility profiles.

## CERTIFICATED PUBLIC UTILITIES AND PIPELINE CARRIERS

(Alphabetized by Type of Service)

### CABLE TELEVISION UTILITIES[1]

Alaska Cablevision, Inc.[2]
ASRC Communications, Ltd.
B-C Cable Company
Bethel Cablevision
Capital Cable Vision
Frontier Color Cable, Inc.
Hoonah Tlingit & Haida Community Council
InletVisions, Inc.
Ketchikan Alaska Television, Inc.
Lynn Canal Cable Vision
$M^2$PDC, Inc.
Matanuska Telephone Association, Inc.
Multivisions, Ltd.
Pelican Utility Company
Port Lions General Store, Inc.
Sitka Alaska Television, Inc.
Skagway Network Television
Thorne Bay Community T.V., Inc.

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[1] Cable television utilities are not regulated by Commission as to rates and service.

[2] Alaska Cablevision, Inc., is the holder of six CATV certificates for providing service to Cordova, Kodiak, Kotzebue, Nome, Valdez and Wrangell.

## ELECTRIC UTILITIES

Alaska Electric Light & Power Company*
Alaska Power & Telephone Company*
Alaska Village Electric Cooperative, Inc.*
Aniak Light and Power Company, Inc.*
Arctic Utilities, Inc.*
Barrow Utilities and Electric Coop., Inc.*
Bethel Utilities Corporation, Inc.*
Bettles Light & Power, Inc.*
Chistochina Trading Post
Chugach Electric Association, Inc.*
Circle Electric, Richard Hutchinson d/b/a*

Copper Valley Electric Association, Inc.*
Cordova Electric Cooperative, Inc.
Fairbanks Municipal Utilities System
Fort Yukon Utilities*
Glacier Highway Electric Association, Inc.
Golden Valley Electric Association, Inc.*
Haines Light & Power Co., Inc.*
Homer Electric Association, Inc.*
Iliamna-Newhalen Electric Cooperative, Inc.*
Ketchikan Public Utilities, City of
King Cove, City of
Kodiak Electric Association, Inc.*
Kotlik, City of
Kotzebue Electric Assoc., Inc.*
Kwethluk Incorporated
Manley Utility Co., Inc.
Matanuska Electric Association, Inc.*
M & D Enterprises,
  Daniel and Margaret Patrick d/b/a*
Municipal Light & Power Department,
  Municipality of Anchorage d/b/a*
McGrath Light & Power Co.*
Naknek Electric Association, Inc.
Nikolski Power and Light Company
Nome, City of
North Slope Power & Light Co.
Northern Power and Engineering Corp.*

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(*)Regulated by Alaska Public Utilities Commission as to rates and services.

## ELECTRIC UTILITIES (CONT.)

Northway Power & Light, Inc.*
Nushagak Electric Cooperative, Inc.*
Paxson Lodge, Inc.
Pelican Utility Company*[3]
Petersburg, City of
Seward, City of
Sitka, City and Borough of
Tanana Power Company,
  J. Clifton Eller d/b/a*
Teller Power Company,
  Helen M. and Robert R. Blodgett d/b/a*
Tlingit-Haida Regional Electrical Authority*
Unalaska, City of
Weisner Trading Co.
Wrangell, City of
Yakutat Power, Inc.*

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[3] Pelican Utility Company is the holder of two electric utility certificates, one for service in Pelican, the other for service in Sand Point.

(*) Regulated by Alaska Public Utilities Commission as to rates and services.

## GAS UTILITIES

Alaska Pipeline Company*

Barrow Utilities and Electric Coop., Inc.*

ENSTAR Natural Gas Company*

Kenai, City of

Kenai Utility Service Company*

## STEAM HEAT UTILITY

Fairbanks Municipal Utilities System

(*)Regulated by Alaska Public Utilities Commission as to rates and services.

## REFUSE UTILITIES

Anchorage, Municipality of
Anchorage Refuse, Inc.*
Bob's Disposal Service
Burton Carver & Co., Inc.*[4]
Channel Sanitation*
Colville Environmental Services
Copper Valley Construction Company
Delta Sanitation
Dillingham Refuse, Inc.
Drake's Sanitation Service*
Duke Refuse
Eagle River Refuse, Inc.*
Fairbanks, City of
Far North Sanitation Service, Inc.*
Haines Sanitation
Interior Services
Irwin's Garbage Disposal
J. D. Refuse Service
Kodiak Sanitation, Inc.*
Lando Collection & Disposal Service
March Disposal
Marche Sanitation
Naabia Niign, Ltd.
North Slope Borough
Palmer, City of
Patterson Sanitation & Refuse Service
Peninsula Sanitation Co.*
Seward Service,
Shelborne, David R.
Tongass Sanitation
Valdez Alaska Terminals, Inc.
Wasilla Refuse, Inc.[5]

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[4] Burton Carver and Co., Inc., is the holder of two refuse utility certificates, one for service to Hope and Turnagain Arm, the other to Homer.

[5] Wasilla Refuse, Inc., is the holder of two refuse utility certificates for service in the Palmer/Wasilla area.

(*) Regulated by Alaska Public Utilities Commission as to rates and services.

## SEWER UTILITIES

Anchorage Sewer Utility,
  Municipality of Anchorage d/b/a*
Barrow Utilities and Electric Coop., Inc.*
College Utilities Corp.*
Copper Valley Construction Company
Cordova, City of
Craig, City of
Dillingham, City of
Haines, City of
Homer, City of
Hoonah, City of
Juneau, City and Borough of
Kake, City of
Kenai, City of
Kodiak, City of
Kotzebue Municipal Utilities, City of
Nome, City of
North Pole, City of
Palmer, City of
Petersburg, City of
Rangeview Utilities*
Salmantof Utilities, Inc.*
Saxman, City of
Seldovia, City of
Settlers Bay Properties, Inc.*
Seward, City of
Sitka, City and Borough of
Skagway, City of
Soldotna, City of
Valdez, City of
Whittier, City of
Wrangell, City of

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(*)Regulated by Alaska Public Utilities Commission as to rates and services.

## TELEPHONE UTILITIES

Alascom, Inc.*[6]
Anchorage Telephone Utility,
  Municipality of Anchorage d/b/a*
Arctic Slope Telephone Assoc. Coop., Inc.*
Bettles Telephone, Inc.
Bristol Bay Telephone Communications Cooperative, Inc.*
Bush-Tell, Incorporated*
Communications Equipment & Service, Inc.
Copper Valley Telephone Cooperative, Inc.*
Cordova Telephone Cooperative, Inc.
Fairbanks Municipal Utilities System
General Telephone Company of Alaska*
Girl Friday Communications,
  Girl Friday, Inc. d/b/a
Glacier State Telephone Company*
Interior Telephone Company*
Juneau and Douglas Telephone Company*
Ketchikan Public Utilities, City of
Kodiak Radio, Inc.
Manley Utility Company, Inc.
Matanuska Telephone Association, Inc.*
Mukluk Telephone Company, Inc.*
National Utilities, Inc.*
Nushagak Telephone Cooperative, Inc.*
OTZ Telephone Cooperative, Inc.*
Radio Communications, Inc.
Sitka Telephone Company*
Telephone Utilities of Alaska, Inc.*
United Utilities, Inc.*
Whittier Telephone Company*
Yukon Telephone Company*

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[6] Alascom, Inc., is the holder of two telecommunications utility certificates -- one as a long lines carrier (statewide) and one as a local exchange service (St. Paul).

(*) Regulated by Alaska Public Utilities Commission as to rates and services.

## WATER UTILITIES

Alyeska Utilities, Inc.*
Anchorage Water Utility, Municipality of Anchorage d/b/a*
Barrow Utilities and Electric Coop., Inc.*
Central Alaska Utilities, Inc.*
Chugiak Utilities, Inc.*
College Utilities Corp.*
Copper Valley Construction Company
Cordova, City of
Craig, City of
Dawn Development Corporation*
Dillingham, City of
Eklutna Utilities, Inc.*
Fairbanks Municipal Utilities System
Glacier Utilities, Inc.*
Haines, City of
Homer, City of
Hoonah, City of
Hydaburg, City of
Juneau, City and Borough of
Kake, City of
Kenai, City of
Ketchikan Public Utilities, City of
Klawock, City of
Kodiak, City of
Kotzebue Municipal Utilities, City of
Kwik Log Water System,
  Myron Allon Newton d/b/a*
Lazy Acres Subdivision Water Co.,
  Patricia E. Schroyer d/b/a*
Matanuska Utility Company, Inc.*
Mendenhaven Improvement & Maintenance Corp.*
McCann, Alfred O.*
McGahan Utilities, Inc.*
Mountain Point Service Area of the Ketchikan
   Gateway Borough
Nome, City of
Norfolk Utilities, Inc.*
North Pole, City of

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(*)Regulated by Alaska Public Utilities Commission as to rates and services.

## WATER UTILITIES (CONT.)

Omlin, Inc., Paul*
Palmer, City of
Pelican Utility Company*
Petersubrg, City of
Rangeview Utilities*
Rhodes, R. J. & Clara*
Romig Park Improvement Co., Inc.*
S & S Development*
Saxman, City of
Seldovia, City of
Settlers Bay Properties, Inc.*
Seward, City of
Sitka, City and Borough of
Skagway, City of
Soldotna, City of
Spenard Heights Water System,
  Wayne Cates d/b/a*
Sunny Slopes Water System*
Unalaska, City of
Valdez, City of
Valley Water Company, Inc.*
Wasilla, City of
Whittier, City of
Wrangell, City of

(*)Regulated by Alaska Public Utilities Commission as to rates and services.

## PIPELINE CARRIERS*

Amerada Hess Pipeline Corporation

Arco Pipe Line Company

BP Pipelines, Inc.

Cook Inlet Pipe Line Company

Exxon Pipeline Company

Golden Valley Electric Association, Inc.

Kenai Pipe Line Company

Kuparuk Pipeline Company

Mobil Alaska Pipeline Company

Nikiski Alaska Pipeline Company

Phillips Petroleum Company

Sohio Pipe Line Company

Union Alaska Pipeline Company

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(*)Regulated by Alaska Public Utilities Commission as to rates and services.

## 1982 RATE INCREASES GRANTED

| | Requested | Granted |
|---|---|---|
| Alaska Electric Light & Power Co. (Electric) | | |
| Interim | $ 746,627 | $ 637,231 |
| Permanent | 1,137,921 | 889,523 |
| Percentage increase | | 13.97% |
| Rate of Return | | 13.36% |
| Return on Equity | | 17.00% |
| Anchorage, Municipality of | | |
| Municipal Light & Power (Electric) | | |
| Permanent | 3,561,954 | 3,561,954 |
| Percentage increase | | 14.60% |
| Anchorage Water Utility (Water) | | |
| Interim | 849,798 | 849,798 |
| Permanent | 1,466,752 | 1,458,291 |
| Percentage increase | | 25.48% |
| Anchorage Sewer Utility (Sewer) | | |
| Interim | 1,305,268 | -0- |
| Bettles Light and Power, Inc. (Electric) | | |
| Interim | 129,014 | 88,903 |
| Permanent | 173,235 | 84,369 |
| Percentage increase | | 26.90% |
| Rate of Return | | 13.50% |
| Return on Equity | | 16.50% |
| Chugach Electric Association, Inc. (Electric) | | |
| Interim - Original Filing | 6,743,535 | 4,568,006 |
| Permanent - Step I | 11,932,725 | 13,414,513 |
| - Step II | 7,984,736 | 4,325,775 |
| Percentage increase - Total Company[1] - Step I | | 30.36% |
| - Step II | | 5.89% |

[1] This two-step increase equated to a 51.5 percent permanent increase for retail customers (which included and superseded the 16.18 interim increase) and to a permanent increase in wholesale rates from $.022983/KWH to $.027415/KWH.

## 1982 RATE INCREASES GRANTED (CONT.)

| | Requested | Granted |
|---|---|---|
| Eagle River Refuse, Inc. (Refuse) | | |
| Interim | $ 51,631 | $ 40,716 |
| Permanent | 51,631 | 43,030 |
| Percentage increase | | 15.85% |
| Rate of Return | | 15.20% |
| Return on Equity | | 17.00% |
| ENSTAR Natural Gas Company (Gas) | | |
| Interim | 3,642,537 | 1,916,384 |
| Permanent | 3,895,656 | 3,998,368 |
| Percentage increase | | 12.51% |
| Rate of Return | | 12.64% |
| Return on Equity | | 16.65% |
| Fort Yukon Utilities (Electric) | | |
| Interim | 108,786 | 60,465 |
| Permanent | 108,786 | 63,086 |
| Percentage increase | | 17.60% |
| Rate of Return | | 12.10% |
| Return on Equity | | 16.00% |
| Glacier State Telephone Company (Telephone) | | |
| Interim | 271,307 | 271,307 |
| Golden Valley Electric Association, Inc. (Electric) | | |
| Interim | 4,995,314 | 3,677,491 |
| Permanent | 6,168,746 | 5,283,653 |
| Percentage increase | | 19.43% |
| Kenai Utility Service Corporation (Gas) | | |
| Interim | 96,381 | 41,548 |
| Permanent | 96,381 | 70,767 |
| Percentage increase | | 8.54% |
| Rate of Return | | 14.49% |
| Return on Equity | | 16.00% |

## 1982 RATE INCREASES GRANTED (CONT.)

| | Requested | Granted |
|---|---|---|
| Kodiak Electric Association, Inc. (Electric) | | |
| Port Lions Division | | |
| Interim | $ 67,555 | $ 57,868 |
| Permanent | 67,555 | 57,868 |
| Percentage increase | | 67.15% |
| Kodiak Division | | |
| Interim | 711,114 | 711,114 |
| Matanuska Electric Association, Inc. (Electric) | | |
| Interim | 1,314,865 | 734,920 |
| Northway Power & Light, Inc. (Electric) | | |
| Interim | 90,278 | 43,844 |
| Nushagak Electric Cooperative, Inc. (Electric) | | |
| Interim | 153,842 | 89,488 |
| Pelican Utility Company (Electric) | | |
| Sand Point Service Area | | |
| Interim | 426,757 | 140,070 |
| Permanent | 440,678 | 142,433 |
| Percentage increase | | 28.67% |
| Rate of Return | | 14.40% |
| Return on Equity | | 16.50% |
| Tanana Power Company, J. Clifton | | |
| Eller d/b/a (Electric) | | |
| Interim | 108,304 | 25,916 |
| Permanent | 108,304 | 71,327 |
| Percentage increase | | 22.75% |
| Rate of Return | | 12.47% |
| Return on Equity | | 16.00% |
| Valley Water Company, Inc. (Water) | | |
| Interim | 52,474 | 14,459 |

## 1982 RATE INCREASES GRANTED (CONT.)

| | Requested | Granted |
|---|---|---|
| Yakutat Power, Inc. (Electric) | | |
| Permanent | $ 142,013 | $ 64,748 |
| Percentage increase | | 12.16% |
| Rate of Return | | 14.50% |
| Return on Equity | | 16.50% |

## TARIFF ADVICES FILED BY UTILITIES AND PIPELINE CARRIERS IN 1982

| NAME AND TYPE OF UTILITY | NUMBER OF TARIFF ADVICES | NATURE OF REVISIONS |
|---|---|---|
| Alascom, Inc. - Statewide (Telephone) | 1 | Deletion of Service Point |
| | 1 | Change in Rules |
| | 1 | Deletion of Specific Rule |
| | 2 | Nonsubstantive/Procedural |
| | 3 | Change in Specific Rate Schedule |
| | 6 | New Service/Equipment Offerings |
| Alascom, Inc. - St. Paul (Telephone) | 2 | New Service/Equipment Offerings |
| | 1 | Change in Specific Rate Schedule |
| | 1 | Nonsubstantive/Procedural |
| Alaska Electric Light & Power Company (Electric) | 2 | Special Contracts |
| | 2 | Change in Rules |
| | 14 | Fuel Cost Rate Adjustments/ Power Cost Assistance |
| Alaska Power & Telephone Company (Electric) | 1 | General Rate Increase |
| | 1 | Change in Rules |
| | 28 | Fuel Cost Rate Adjustments/ Power Cost Assistance |
| Alaska Village Electric Cooperative, Inc. (Electric) | 1 | Power Cost Assistance |
| Amerada Hess Pipeline Corporation (Pipeline) | 1 | Change in Rules |
| | 1 | Republication of Existing Tariff |
| | 1 | Change in Quality Bank Provisions |
| Anchorage Telephone Utility, Municipality of Anchorage d/b/a (Telephone) | 1 | New Rate Development Factors |
| | 2 | Change in Rules |
| | 6 | Change in Specific Rate Schedules |
| | 12 | New Service/Equipment Offerings |

## TARIFF ADVICES FILED BY UTILITIES AND PIPELINE CARRIERS IN 1982 (CONT.)

| NAME AND TYPE OF UTILITY | NUMBER OF TARIFF ADVICES | NATURE OF REVISIONS |
|---|---|---|
| Aniak Light & Power Company (Electric) | 2 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Arco Pipe Line Company (Pipeline) | 1 | Change in Rules |
| | 1 | Change in Quality Bank Provisions |
| BP Pipelines, Inc. (Pipeline) | 2 | Reduced Rates |
| | 1 | Change in Quality Bank Provisions |
| Bethel Utilities Corporation, Inc. (Electric) | 7 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Bettles Light & Power, Inc. (Electric) | 1 | Change in Rules |
| | 4 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Bristol Bay Telephone Communications Cooperative, Inc. (Telephone) | 1 | General Rate Restructuring |
| Central Alaska Utilities, Inc. (Water) | 1 | General Rate Increase |
| | 1 | Special Contract |
| Chugach Electric Association, Inc. (Electric) | 1 | General Rate Increase |
| | 1 | Change in Rules |
| | 3 | Special Contracts |
| College Utilities Corp. (Water) | 1 | Change in Rules |
| | 1 | General Rate Increase |
| College Utilities Corp. (Sewer) | 1 | Change in Rules |
| | 1 | General Rate Increase |
| Cook Inlet Pipe Line Company (Pipeline) | 1 | Rate Increase |
| Copper Valley Electric Association, Inc. (Electric) | 3 | Cost of Power Adjustments |
| Eklutna Utilities, Inc. (Water) | 1 | Change in Rules |

## TARIFF ADVICES FILED BY UTILITIES AND PIPELINE CARRIERS IN 1982 (CONT.)

| NAME AND TYPE OF UTILITY | NUMBER OF TARIFF ADVICES | NATURE OF REVISIONS |
|---|---|---|
| ENSTAR Natural Gas Company (Natural Gas) | 1 | Nonsubstantive/Procedural |
| | 1 | General Rate Increase |
| | 1 | Purchased Gas Adjustment |
| | 1 | Contracts/Change in Purchased Gas Adjustment Provision |
| Exxon Pipeline Company (Pipeline) | 1 | Change in Rules |
| | 1 | Republication of Existing Tariff |
| | 1 | Change in Quality Bank Provisions |
| | 1 | Reduced Rate |
| Fort Yukon Utilities (Electric) | 6 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| General Telephone Company of Alaska (Telephone) | 1 | General Rate Restructuring |
| | 2 | Change in Rules |
| | 2 | New Service/Equipment Offerings |
| Glacier State Telephone Company (Telephone) | 1 | General Rate Restructuring |
| | 1 | Map Revision |
| | 1 | Nonsubstantive/Procedural |
| | 1 | Special Contract |
| | 2 | Change in Rules |
| | 2 | General Rate Increase |
| | 3 | New Service/Equipment Offerings |
| Golden Valley Electric Association, Inc. (Electric) | 3 | Cost of Power Adjustments |
| Haines Light & Power Co., Inc. (Electric) | 1 | General Rate Increase |
| | 3 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Homer Electric Association, Inc. (Electric) | 6 | Wholesale Power Cost Rate Adjustments |
| Juneau & Douglas Telephone Company (Telephone) | 1 | Change in Rules |
| | 1 | New Service/Equipment Offering |
| | 1 | General Rate Restructuring |

TARIFF ADVICES FILED BY UTILITIES AND PIPELINE CARRIERS IN 1982 (CONT.)

| NAME AND TYPE OF UTILITY | NUMBER OF TARIFF ADVICES | NATURE OF REVISIONS |
|---|---|---|
| Kenai Pipe Line Company (Pipeline) | 1 | Rate Increase |
| Kenai Utility Service Corporation (Natural Gas) | 1 | General Rate Increase |
| Kodiak Electric Association, Inc. (Electric) | 1 | Change in Rules |
| | 1 | General Rate Increase |
| | 8 | Fuel Cost Rate Adjustment/Power Cost Assistance |
| Kotzebue Electric Association, Inc. (Electric) | 1 | General Rate Increase |
| | 5 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Kuparuk Pipeline Company (Pipeline) | 2 | Initial Rates |
| | 1 | Initial Rules and Regulations |
| Matanuska Electric Association, Inc. (Electric) | 1 | General Rate Increase |
| | 1 | Power Cost Assistance |
| | 3 | Wholesale Power Cost Rate Adjustments |
| Matanuska Telephone Association, Inc. (Telephone) | 6 | New Service/Equipment Offerings |
| M & D Enterprises, David and Margaret Patrick d/b/a (Electric) | 1 | Power Cost Assistance |
| McGrath Light & Power Company (Electric) | 1 | Nonsubstantive/Procedural |
| | 1 | Power Cost Assistance |
| Mobil Alaska Pipeline Company (Pipeline) | 1 | Change in Rules |
| | 1 | Republication of Existing Tariff |
| | 1 | Change in Quality Bank Provisions |
| Mukluk Telephone Company, Inc. (Telephone) | 1 | Change in Specific Rate Schedule |
| Municipal Light & Power Dept., Municipality of Anchorage d/b/a (Electric) | 2 | Change in Rules |
| | 1 | General Rate Increase |
| | 12 | Gas Cost Rate Adjustments |

## TARIFF ADVICES FILED BY UTILITIES AND PIPELINE CARRIERS IN 1982 (CONT.)

| NAME AND TYPE OF UTILITY | NUMBER OF TARIFF ADVICES | NATURE OF REVISIONS |
|---|---|---|
| National Utilities, Inc. (Telephone) | 1 | New Service/Equipment Offerings |
| Northern Power & Engineering Corporation, Inc. (Electric) | 3 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Northway Power & Light, Inc. (Electric) | 1 | General Rate Increase |
| | 2 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Nushagak Electric Cooperative, Inc. (Electric) | 1 | Change in Rules |
| | 1 | General Rate Increase |
| | 13 | Fuel Cost Rate Adjustment/Power Cost Assistance |
| Pelican Utility Company - Pelican (Water) | 2 | Change in Rules |
| Pelican Utility Company - Pelican (Electric) | 2 | Change in Rules |
| | 9 | Fuel Cost Rate Adjustments |
| Pelican Utility Company - Sand Point (Electric) | 1 | Change in Rules |
| | 12 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Peninsula Sanitation Co. (Refuse) | 1 | General Rate Increase |
| Phillips Petroleum Company (Pipeline) | 1 | Republication of Existing Tariff |
| Sitka Telephone Company (Telephone) | 2 | Change in Rules |
| Sohio Pipe Line Company (Pipeline) | 1 | Change in Rules |
| | 1 | Republication of Existing Tariff |
| | 1 | Change in Quality Bank Provisions |
| Sunny Slopes Water System (Water) | 1 | General Rate Increase |
| Tanana Power Company, J. Clifton Eller d/b/a (Electric) | 3 | Fuel Cost Rate Adjustments/Power Cost Assistance |

## TARIFF ADVICES FILED BY UTILITIES AND PIPELINE CARRIERS IN 1982 (CONT.)

| NAME AND TYPE OF UTILITY | NUMBER OF TARIFF ADVICES | NATURE OF REVISIONS |
|---|---|---|
| Telephone Utilities of Alaska, Inc. (Telephone) | 1 | General Rate Restructuring |
| Tlingit-Haida Regional Electric Authority (Electric) | 5 | Fuel Cost Rate Adjustments/Power Cost Assistance |
| Union Alaska Pipeline Company (Pipeline) | 2 | Change in Rules |
| | 1 | Change in Quality Bank Provisions |
| United Utilities, Inc. (Telephone) | 1 | General Rate Restructuring |
| Yakutat Power, Inc. (Electric) | 2 | Fuel Cost Adjustments/Power Cost Assistance |

## CERTIFICATE ACTIONS DURING 1982

| UTILITY | AREA | CATV | ELEC. | REFUSE | SEWER | TELE. | WATER |
|---|---|---|---|---|---|---|---|
| Capitol Communications, Inc. | Valdez | | | | | 1-R | |
| Central Alaska Utilities, Inc. | O'Malley-Huffman-New Seward-Bragaw area | | | | | | 1-A |
| Central Alaska Utilities, Inc. | Boundary Avenue area and Patterson Street-west Northern Lights-south | | | | | | 1-A |
| City of King Cove | King Cove and environs | | 1-C | | | | |
| City of Kotlik | Kotlik and environs | | 1-C | | | | |
| City of Palmer | Palmer | | | 1-C | | | |
| Colville Environmental Services | Colville River Delta area | | | 1-C | | | |
| Communications Equipment & Service, Inc. | Valdez & Juneau | | | | | 1-A | |
| Copper Valley Telephone Cooperative, Inc. | Chitina, Tatitlek and environs | | | | | 1-A | |
| Eagle River Heights Utilities, Inc. | Eagle River | | | | | | 1-ACI |
| Eklutna Utilities, Inc. | Eagleridge Subd., Parkview Terrace Subd., Gruening Junior High School areas | | | | | | 1-A |
| Iliamna-Newhalen Electric Cooperative, Inc. | Iliamna area | | 1-A | | | | |
| InletVisions, Inc. | Kenai, Soldotna and contiguous area | 1-C | | | | | |
| Kodiak Radio, Inc. | Kodiak area | | | | | 1-C | |
| Matanuska Electric Association, Inc. | Pt. MacKenzie | | 1-A | | | | |
| Matanuska Telephone Association, Inc. | Clear Air Force Station | | | | | 1-A | |
| Matanuska Telephone Association, Inc. | South Fork - Eagle River | | | | | 1-A | |
| Matanuska Telephone Association, Inc. | Tyonek | | | | | 1-WA | |
| Matanuska Utility Company, Inc. | Century Park Subd. | | | | | | 1-C |

---

A = Amendment
C = Application for Certificate Approved
WA = Withdrawal of Application
R = Revocation
Te = Temporary
COA = Conditional Operating Authority
ACI = Acquisition of Controlling Interest

## CERTIFICATE ACTIONS DURING 1982 (CONT.)

| UTILITY | AREA | CATV | ELEC. | REFUSE | SEWER | TELE. | WATER |
|---|---|---|---|---|---|---|---|
| Municipality of Anchorage | Municipality of Anchorage corporate limits | | | 1-C | | | |
| Anchorage Telephone Utility, Municipality of Anchorage d/b/a | Arctic Valley area | | | | | 1-A | |
| Anchorage Water Utility, Municipality of Anchorage d/b/a | Lazy Acres | | | | | | 1-COA |
| Anchorage Water Utility, Municipality of Anchorage d/b/a | Atkins Subd. | | | | | | 1-Te |
| Anchorage Water Utility, Municipality of Anchorage d/b/a | Eagle River | | | | | | 1-Tr |
| Naabia Niign, Ltd. | Northway, Northway Junction and vicinities | | | 1-C | | | |
| Radio Communications, Inc. | Valdez | | | | | 2-A<br>2-Tr | |
| Sitka Telephone Company | Nulato | | | | | 1-A | |
| Yukon Telephone Company | Allakaket, Hughes, Huslia, Kaltag, Koyukuk, Nulato | | | | | 1-WA | |

A = Amendment
C = Application for Certificate Approved
Tr = Transfer
WA = Withdrawal of Application
R = Revocation
Te = Temporary
COA = Conditional Operating Authority

## INFORMAL COMPLAINTS

### DISTRIBUTION OF COMPLAINTS BY SUBJECT MATTER

| | 1981 | | 1982 | |
|---|---|---|---|---|
| Billing Practices and Procedures | 342 | (24%) | 253 | (20%) |
| Rates and Charges | 451 | (32%) | 369 | (28%) |
| Quality of Service | 335 | (24%) | 331 | (26%) |
| Service Availability and Line Extension Policies | 288 | (20%) | 330 | (26%) |
| TOTALS | 1416 | (100%) | 1283 | (100%) |
| Conferences with Consumers | 326 | | 255 | |
| Contacts with Consumers and Media | 6089 | | 6304 | |

### DISTRIBUTION OF COMPLAINTS BY TYPES OF UTILITIES

| | | |
|---|---|---|
| CATV | 2% | 2% |
| Electric | 45% | 41% |
| Refuse | 2% | 3% |
| Gas | 4% | 4% |
| Sewer | 2% | 1% |
| Telephone | 35% | 39% |
| Water | 10% | 10% |
| TOTALS | 100% | 100% |

## CERTIFICATION PROCEEDINGS

| | | 1981 | 1982 |
|---|---|---|---|
| APPLICATIONS RECEIVED | | | |
| Contested[1] | | 8 | 9 |
| Uncontested | | 34 | 30 |
| | TOTAL | 42 | 39 |
| Type: | CATV | 3 | 3 |
| | Electric | 7 | 9 |
| | Gas | 0 | 2 |
| | Pipeline | 0 | 1 |
| | Refuse | 7 | 1 |
| | Sewer | 0 | 0 |
| | Telecommunications | 24 | 11 |
| | Water | 1 | 12 |
| APPLICATIONS GRANTED | | | |
| New Certificates | | 12 | 9 |
| Amendments of Existing Certificates | | 9 | 13 |
| Certificates Transferred | | 2 | 3 |
| Acquisition of Controlling Interest | | 3 | 1 |
| Conditional Operating Authority | | 1 | 1 |
| Revocation | | 0 | 1 |
| Temporary | | 0 | 1 |
| Withdrawal of Applications | | 0 | 2 |
| | TOTAL | 27 | 31 |
| Type: | CATV | 1 | 1 |
| | Electric | 7 | 4 |
| | Gas | 0 | 0 |
| | Refuse | 6 | 4 |
| | Sewer | 0 | 0 |
| | Telecommunications | 9 | 14 |
| | Water | 4 | 8 |

[1] Includes applications for which a competing application was filed and contested areas later withdrawn and also applications on which protests were filed.

## CERTIFICATION PROCEEDINGS (CONT.)

### CERTIFICATE APPLICATION AREAS

| | |
|---|---|
| Akutan Island | 1 |
| Akutan, Atka, False Pass, Nelson Lagoon, Squaw Harbor, St. George, Arctic Village, Beaver, Birch Creek, Central, Chalkyitsik, Minto, Nikolai, Rampart, Stevens Village, Telida, Venetie, Akhiok, Karluk, Larsen Bay, Old Harbor and vicinity, Ouzinkie | 1 |
| Amaknak and Unalaska Islands | 2 |
| Atkins Subdivision | 1 |
| Beluga Field - Municipality of Anchorage | 1 |
| Bethel vicinity | 1 |
| Birchwood - Mirror Lake area | 1 |
| Chignik | 1 |
| City of Eagle, Eagle Village and adjacent areas | 1 |
| Chitina & Tatitlek | 1 |
| Cordova vicinity | 1 |
| Eagle River including Eagle Glenn Subd., Hylen Crest & Stewart Subd., Eaglecrest & Heritage Homes Subd. | 5 |
| East Anchorage | 1 |
| Egegik | 1 |
| English Bay, Port Graham and Halibut Cove | 1 |
| King Cove | 1 |
| Kotlik | 1 |
| Lazy Acres Subdivision - Anchorage | 1 |
| Levelock | 1 |
| Napakiak | 1 |
| Nenana | 1 |
| Northern and Central Alaska | 1 |
| Northway, Northway Junction and vicinities | 1 |
| Nulato | 1 |
| O'Malley Rd. - Huffman Rd. - New Seward - Bragaw area - Anchorage | 1 |
| Seward | 1 |
| South Anchorage & Muldoon | 1 |
| Southwestern Alaska | 1 |
| Tok | 1 |
| Unalaska and environs | 1 |
| Willow | 1 |

## FORMAL HEARING DAYS[1]

| Hearings Convened | 1981 | 1982 |
|---|---|---|
| CATV | 0 | 5 |
| Electric | 23 | 48 |
| Gas | 0 | 4 |
| Pipeline | 0 | 4[2] |
| Refuse | 2 | 1 |
| Sewer | 4 | 7 |
| Telecommunications | 18 | 15 |
| Water | 5 | 2 |
| Other | 3 | 6 |
| TOTAL | 55 | 92 |

| Hearing Location | 1981 | 1982 |
|---|---|---|
| Anchorage | 26 | 75 |
| Bethel | 1 | 0 |
| Cold Bay | 0 | 1 |
| Craig | 0 | 1 |
| Eagle River | 0 | 1 |
| Fairbanks | 13 | 0 |
| Girdwood | 0 | 2 |
| Homer | 0 | 2 |
| Hydaburg | 0 | 1 |
| Juneau | 6 | 0 |
| Kodiak | 2 | 2 |
| McGrath | 1 | 0 |
| Nenana | 0 | 1 |
| Palmer | 5 | 0 |
| Port Lions | 0 | 1 |
| Skagway | 0 | 1 |
| Soldotna | 1 | 3 |
| Tok | 0 | 1 |
| TOTAL | 55 | 92 |

[1] The Commission estimates that for every day of hearing an additional 24 hours is spent in preparing for the hearing and in the subsequent decision-making processes.

[2] In addition to these hearing days on pipeline carrier activities, 103 days were spent in the concurrent FERC/APUC hearings in Washington, D.C.

## FINANCIAL INFORMATION COVERING ALL FULLY REGULATED UTILITIES

| | Total Revenue | | Net Income | |
|---|---|---|---|---|
| | 1980 | 1981 | 1980 | 1981 |
| Electric | $145,165,801 | $176,872,585 | $( 1,139,079) | $ 5,346,814 |
| Gas | 64,943,753 | 76,817,582 | 4,931,684 | 3,815,385 |
| Refuse | 5,700,459 | 5,488,802 | ( 286,226) | 242,254 |
| Sewer | 9,654,811 | 10,978,820 | ( 435,119) | 1,010,040 |
| Telephone[1] | 275,565,779 | 336,577,902 | 36,770,392 | 50,239,937 |
| Water | 10,563,936 | 11,382,897 | 1,667,298 | 2,154,710 |
| | $511,594,539 | $618,118,588 | $41,508,950 | $62,809,140 |

| | Net Plant | | Users | |
|---|---|---|---|---|
| | 1980 | 1981 | 1980 | 1981 |
| Electric | $ 613,908,579 | $ 711,934,645 | 130,155 | 136,694 |
| Gas | 63,253,530 | 66,453,557 | 42,759 | 48,631 |
| Refuse | 1,660,564 | 1,485,912 | 21,182 | 20,705 |
| Sewer | 26,925,107 | 32,554,721 | 30,796 | 32,636 |
| Telephone | 563,329,022 | 632,266,472 | 237,617 | 253,694 |
| Water | 33,246,779 | 35,198,490 | 30,585 | 31,366 |
| | $1,302,323,581 | $1,479,893,797 | 493,094 | 523,726 |

(1)Includes financial data from Alascom, Inc., the long lines carrier. See pages 65-66 for telecommunication utilities data.

FINANCIAL INFORMATION COVERING
OIL PIPELINE COMPANIES
FOR YEAR ENDING DECEMBER 31, 1981

IN THOUSANDS

| COMPANY | PROPERTY GROSS | PROPERTY NET | REVENUE GROSS | REVENUE NET | THOUGHPUT BARRELS[1] |
|---|---|---|---|---|---|
| Amerada Hess Pipeline Corporation | $ 147,211 | $ 117,336 | $ 53,453 | $ 39,025 | $ 8,293 |
| Arco Pipeline Company | 2,397,831 | 1,884,657 | 848,121 | 569,985 | 118,788 |
| BP Pipelines Inc. | 1,588,839 | 1,322,989 | 583,842 | 430,351 | 91,452 |
| Cook Inlet Pipeline Company | 42,309 | 19,200 | 14,092 | 3,429 | 24,756 |
| Exxon Pipeline Company | 2,189,881 | 1,675,943 | 802,164 | 545,559 | 114,613 |
| Golden Valley Electric Association Inc. | 4,673 | 3,886 | 784 | 475 | 15,129 |
| Kenai Pipe Line Company | 12,271 | 5,479 | 6,133 | 3,588 | 20,101 |
| Kuparuk Pipeline Company[2] | 0 | 0 | 0 | 0 | 0 |
| Mobil Alaska Pipeline Company | 392,444 | 322,304 | 143,086 | 102,976 | 22,594 |
| Phillips Alaska Pipeline Corporation | 124,648 | 102,230 | 46,487 | 34,932 | 7,471 |
| Sohio Pipe Line Company | 3,276,083 | 2,695,592 | 1,155,295 | 825,393 | 186,781 |
| Tesoro Alaska Pipeline Company | 22,282 | 18,474 | 5,963 | 3,862 | 0[3] |
| Union Alaska Pipe Line Company | 124,369 | 102,616 | 45,626 | 33,238 | 7,490 |
| TOTAL | $10,322,841 | $8,270,706 | $3,705,046 | $2,592,813 | $602,339 |

[1] Crude Oil.

[2] No information available since operations did not start until January, 1982.

[3] Tesoro shipped 7,880 barrels of gasoline, jet fuels and other high volatile petroluem fuels and 788 barrels of distillate fuel oil.

## ACCOUNTING CLASS DESIGNATIONS
(By Annual Gross Operating Revenues)

### ELECTRIC AND GAS COMPANIES
(FERC Chart of Accounts)

| Class | At Least | Less Than |
|---|---|---|
| A | $2,500,000 | $ ---- |
| B | 1,000,000 | 2,500,000 |
| C | 150,000 | 1,000,000 |
| D | 25,000 | 150,000 |

### WATER AND SEWER COMPANIES
(NARUC Chart of Accounts)

| Class | At Least | Less Than |
|---|---|---|
| A | $ 500,000 | $ ---- |
| B | 250,000 | 500,000 |
| C | 50,000 | 250,000 |
| D | ---- | 50,000 |

### TELECOMMUNICATIONS COMPANIES
(FCC Chart of Accounts)

| Class | At Least | Less Than |
|---|---|---|
| A | $ 250,000 | $ ---- |
| B | 100,000 | 250,000 |
| C | 50,000 | 100,000 |
| D | ---- | 50,000 |

### REFUSE COMPANIES
(New Jersey DPU Chart of Accounts)

| Class | At Least | Less Than |
|---|---|---|
| I | $ 250,000 | $ ---- |
| II | 50,000 | 250,000 |
| III | ---- | 50,000 |

### CABLE TV COMPANIES
(FCC Chart of Accounts)

| Class | At Least | Less Than |
|---|---|---|
| A | $ 200,000 | $ ---- |
| B | ---- | $ 200,000 |

---

FERC - Federal Energy Regulatory Commission
NARUC - National Association of Regulatory Utility Commissioners
FCC - Federal Communications Commission
DPU - Department of Public Utilities

CABLE TELEVISION UTILITIES
(1981 Reporting Year)

CERTIFICATED BUT NOT REGULATED AS TO RATES AND SERVICES

Alaska Cablevision, Inc.

ASRC Communications, Ltd.

B-C Cable Company

Bethel Cablevision, Inc.

Capital Cable Vision

Frontier ColorCable, Inc.

Hoonah Tlingit & Haida Community Council

InletVisions, Inc.

Ketchikan Alaska Television, Inc.

Lynn Canal Cable Vision

$M^2$PDC, Inc.

Matanuska Telephone Association, Inc.

MultiVisions, Ltd.

Pelican Utility Company

Port Lions General Store, Inc.

Sitka Alaska Television, Inc.

Skagway Network Television

Thorne Bay Community TV, Inc.

ELECTRIC UTILITIES
(1981 Reporting Year)

| Utility | Net Plant | Revenues Total Revenues | Revenues Net Income | Users |
|---|---|---|---|---|
| CLASS A | | | | |
| Alaska Electric Light & Power Co. | $ 18,311,478 | $ 7,052,883 | $ 543,625 | 8,434 |
| Alaska Village Electric Coop., Inc.[1] | 16,311,545 | 8,007,935 | 782,310 | 3,851 |
| Arctic Utilities, Inc. | 3,750,125 | 3,950,032 | 456,608 | 38 |
| Bethel Utilities Corporation, Inc. | 2,304,670 | 3,880,346 | 148,493 | 1,401 |
| Chugach Electric Assoc., Inc. | 281,505,591 | 42,020,067 | (552,764) | 49,876 |
| Copper Valley Electric Assoc., Inc. | 76,800,025 | 6,728,941 | (299,800) | 2,384 |
| Golden Valley Electric Assoc., Inc. | 103,032,800 | 29,603,780 | 1,751,989 | 17,651 |
| Homer Electric Association, Inc. | 43,557,809 | 13,125,519 | 631,394 | 11,640 |
| Kodiak Electric Association, Inc. | 16,775,548 | 8,468,350 | (12,145) | 3,295 |
| Matanuska Electric Assoc., Inc. | 58,786,220 | 14,182,003 | 901,073 | 14,684 |
| Municipal Light & Power Municipality of Anchorage d/b/a | 73,478,536 | 24,118,265 | 380,229 | 16,909 |
| Subtotal - CLASS A | $694,614,347 | $161,138,121 | $4,731,012 | 130,163 |
| CLASS B | | | | |
| Alaska Power & Telephone Company | $ 1,567,701 | $ 2,364,027 | $ 141,630 | 1,223 |
| Barrow Utilities & Elec. Coop., Inc. | 1,584,472 | 1,348,576 | 264,006 | 895 |
| Haines Light & Power Company, Inc. | 559,499 | 1,032,489 | 13,093 | 619 |
| Kotzebue Electric Association, Inc. | 2,635,141 | 2,067,186 | 32,218 | 704 |
| Nushagak Electric Coop., Inc. | 3,654,537 | 1,573,665 | 67,928 | 718 |
| Tlingit-Haida Regional Electrical Authority | 4,191,263 | 2,038,134 | 82,574 | 758 |
| Subtotal - CLASS B | $ 14,192,613 | $ 10,424,077 | $ 601,449 | 4,917 |

[1] Communities being furnished electric utility service by Alaska Village Electric Cooperative, Inc.

| | | | |
|---|---|---|---|
| Alakanuk | Hooper Bay | New Stuyahok | Scammon Bay |
| Ambler | Huslia | Noatak | Selawik |
| Andreafsky | Kaltag | Noorvik | Shageluk |
| Anvik | Kasigluk | Nulato | Shaktoolik |
| Chevak | Kiana | Nunapitchuk | Shishmaref |
| Eek | Kivalina | Old Harbor | Shungnak |
| Elim | Koyuk | Pilot Station | Stebbins |
| Emmonak | Lower Kalskag | Pitkas Point | Togiak |
| Gambell | Marshall | Quinhagak | Toksook Bay |
| Goodnews Bay | Mekoryuk | St. Marys | Tununak |
| Grayling | Minto | St. Michael | Upper Kalskag |
| Holy Cross | Mountain Village | Savoonga | Wales |

ELECTRIC UTILITIES (CONT.)
(1981 Reporting Year)

| Utility | Net Plant | Revenues | | Users |
|---|---|---|---|---|
| | | Total Revenues | Net Income | |
| CLASS C | | | | |
| Aniak Light and Power Company, Inc. | $ 286,875 | $ 369,494 | $ (10,590) | 143 |
| Bettles Light & Power, Inc. | 293,502 | 366,294 | 30,444 | 29 |
| Fort Yukon Utilities | 43,452 | 498,871 | 30,071 | 232 |
| M & D Enterprises, Daniel and Margaret Patrick d/b/a | 241,642 | 366,533 | 42,248 | 175 |
| McGrath Light & Power Company | 634,538 | 555,555 | (119,474) | 187 |
| Northern Power & Engineering Corp., Inc. | 330,287 | 577,492 | (7,649) | 63 |
| Northway Power & Light, Inc. | 179,366 | 244,008 | (4,800) | 65 |
| Pelican Utility Co. - Sand Point Service Area | 234,468 | 994,297 | (32,270) | 243 |
| Pelican Utility Company | 130,850 | 256,200 | (23,687) | 76 |
| Tanana Power Company | 381,248 | 506,014 | 72,554 | 137 |
| Yakutat Power, Inc. | 371,457 | 575,629 | 37,506 | 264 |
| Subtotal - CLASS C | $ 3,127,685 | $ 5,310,387 | $ 14,353 | 1,614 |
| CLASS D | | | | |
| Circle Electric, Richard Hutchinson d/b/a[1] | --- | --- | --- | --- |
| Iliamna-Newhalen Electric Cooperative, Inc.[2] | -0- | -0- | -0- | -0- |
| Teller Power Company | --- | --- | --- | --- |
| Subtotal - CLASS D | -0- | -0- | -0- | -0- |
| TOTALS - Classes A, B, C & D | $711,934,645 | $176,872,585 | $5,346,814 | 136,694 |

ELECTRIC UTILITIES CERTIFICATED BUT NOT REGULATED AS TO RATES AND SERVICES

Chistochina Trading Post
Cordova Electric Coop., Inc.
Fairbanks, City of
Glacier Highway Electric Assoc., Inc.
Ketchikan, City of
King Cove, City of
Kotlik, City of
Kwethluk Incorporated
Manley Utility Company, Inc.
Naknek Electric Assoc., Inc.
Nikolski Power & Light Company
Nome, City of
North Slope Power & Light Co.
Paxson Lodge, Inc.
Petersburg, City of
Semloh Supply
Seward, City of
Sitka, City & Borough of
Unalaska, City of
Weisner Trading Company
Wrangell, City of

[1] Report Not Submitted

[2] Not operating in 1981

## SAMPLE MONTHLY RESIDENTIAL ELECTRIC RATES

(As of December 31, 1982 - Fuel Cost Rate Adjustments Included Where Available)

| COMMUNITY | 100 KWH | 500 KWH | 1,000 KWH | 1,500 KWH | Power Cost Assistance[1] | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|---|
| Anchorage | $ 9.17 | $ 27.85 | $ 51.20 | $ 74.55 | | Municipal Light & Power Department |
| Anchorage (urban) | 10.15 | 29.95 | 48.45 | 65.95 | | Chugach Electric Association, Inc. |
| Anchorage (suburban) | 10.80 | 37.30 | 60.55 | 78.05 | | Chugach Electric Association, Inc. |
| Angoon | 39.31 | 187.15 | 360.20 | 533.25 | 20.10¢/KWH | Tlingit-Haida Regional Electrical Authority |
| Aniak | 38.66 | 184.65 | 360.65 | 536.65 | | Aniak Light and Power Company, Inc. |
| AVEC Communities | 48.27 | 241.35 | 482.70 | 724.05 | 25.98¢/KWH | Alaska Village Electric Cooperative, Inc. |
| Barrow | 15.00 | 66.00 | 121.56 | 177.12 | | Barrow Utilities & Electric Cooperative, Inc. |
| Bethel | 23.12 | 97.17 | 181.28 | 265.40 | 3.69¢/KWH | Bethel Utilities Corporation, Inc. |
| Bettles | 51.00 | 255.00 | 510.00 | 765.00 | 30.40¢/KWH | Bettles Light & Power, Inc. |
| Circle | 32.00 | 105.00 | 190.00 | 275.00 | 16.14¢/KWH | Richard Hutchinson d/b/a Circle Electric |
| Cold Bay | 20.64 | 96.60 | 186.45 | 272.90 | 4.02¢/KWH | Northern Power & Engineering Corporation, Inc. |
| Craig | 23.02 | 100.86 | 198.16 | 295.46 | | Alaska Power & Telephone Company |
| Delta Junction | 20.08 | 60.42 | 102.09 | 143.76 | | Golden Valley Electric Association, Inc. |
| Dillingham | 27.75 | 106.73 | 199.75 | 292.78 | 7.111¢/KWH | Nushagak Electric Cooperative, Inc. |
| Eagle River | 26.72 | 53.58 | 87.16 | 117.76 | | Matanuska Electric Association, Inc. |
| Fairbanks | 20.08 | 60.42 | 102.09 | 143.76 | | Golden Valley Electric Association, Inc. |
| Fort Yukon | 46.67 | 173.39 | 294.28 | 415.18 | 18.60¢/KWH | Fort Yukon Utilities |
| Galena | 37.30 | 186.50 | 373.00 | 559.50 | 20.00¢/KWH | M & D Enterprises, Daniel & Margaret Patrick d/b/a |
| Glennallen | 22.81 | 89.56 | 152.61 | 211.67 | | Copper Valley Electric Association, Inc. |
| Haines | 24.14 | 87.50 | 161.48 | 231.18 | 2.14¢/KWH | Haines Light & Power Co., Inc. |

[1] State assistance credited to customer bills on a cents/KWH basis for consumption up to 600 KWH per customer.

## SAMPLE MONTHLY RESIDENTIAL ELECTRIC RATES (CONT.)

(As of December 31, 1982 - Fuel Cost Rate Adjustments Included Where Available)

| COMMUNITY | 100 KWH | 500 KWH | 1,000 KWH | 1,500 KWH | Power Cost Assistance[1] | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|---|
| Homer | $18.12 | $ 40.61 | $ 68.72 | $ 91.83 | | Homer Electric Association, Inc. |
| Hoonah | 39.31 | 187.15 | 360.20 | 533.25 | 20.10¢/KWH | Tlingit-Haida Regional Electrical Authority |
| Hope | 37.88 | 68.22 | 106.22 | 121.22 | | Chugach Electric Association, Inc. |
| Hydaburg | 23.24 | 102.92 | 202.52 | 302.12 | | Alaska Power & Telephone Company |
| Iliamna | 35.00 | 175.00 | 350.00 | 525.00 | | Iliamna-Newhalen Electric Cooperative, Inc. |
| Juneau | 11.33 | 33.65 | 60.30 | 86.95 | | Alaska Electric Light & Power Company |
| Kake | 39.31 | 187.15 | 360.20 | 533.25 | 20.10¢/KWH | Tlingit-Haida Regional Electrical Authority |
| Kasaan | 39.31 | 187.15 | 360.20 | 533.25 | 20.10¢/KWH | Tlingit-Haida Regional Electrical Authority |
| Kenai | 18.12 | 40.61 | 68.72 | 91.83 | | Homer Electric Association, Inc. |
| Klawock | 39.31 | 187.15 | 360.20 | 533.25 | 20.10¢/KWH | Tlingit-Haida Regional Electrical Authority |
| Kodiak | 18.72 | 86.99 | 160.67 | 232.13 | 2.23¢/KWH | Kodiak Electric Association, Inc. |
| Kotzebue | 31.93 | 117.65 | 224.80 | 331.95 | 9.09¢/KWH | Kotzebue Electric Association, Inc. |
| McGrath | 34.85 | 164.15 | 315.15 | 466.15 | 14.32¢/KWH | McGrath Light & Power Co. |
| Nenana | 20.08 | 60.42 | 102.09 | 143.76 | | Golden Valley Electric Association, Inc. |
| Northway | 28.93 | 144.65 | 289.30 | 433.95 | 12.45¢/KWH | Northway Power & Light, Inc. |
| Palmer | 26.72 | 53.58 | 87.16 | 117.76 | | Matanuska Electric Association, Inc. |
| Pelican | 10.57 | 52.85 | 105.70 | 158.55 | | Pelican Utility Company |
| Port Graham | 18.97 | 44.86 | 77.22 | 109.58 | | Homer Electric Association, Inc. |
| Port Lions | 55.04 | 246.77 | 480.17 | 713.57 | 30.40¢/KWH | Kodiak Electric Association, Inc. |
| Sand Point | 26.00 | 122.29 | 239.44 | 356.59 | 3.51¢/KWH | Pelican Utility Company |

[1] State assistance credited to customer bills on a cents/KWH basis for consumption up to 600 KWH per customer.

## SAMPLE MONTHLY RESIDENTIAL ELECTRIC RATES (CONT.)

(As of December 31, 1982 - Fuel Cost Rate Adjustments Included Where Available)

| COMMUNITY | 100 KWH | 500 KWH | 1,000 KWH | 1,500 KWH | Power Cost Assistance[1] | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|---|
| Seldovia | $18.97 | $ 44.86 | $ 77.22 | $109.58 | | Homer Electric Association, Inc. |
| Skagway | 19.09 | 66.75 | 123.40 | 180.05 | | Alaska Power & Telephone Company |
| Soldotna | 18.12 | 40.61 | 68.72 | 91.83 | | Homer Electric Association, Inc. |
| Talkeetna | 26.72 | 53.58 | 87.16 | 117.76 | | Matanuska Electric Association, Inc. |
| Tanana | 38.70 | 184.50 | 353.00 | 521.50 | 16.06¢/KWH | Tanana Power Company, Clifton Eller d/b/a |
| Teller | 35.00 | 175.00 | 350.00 | 525.00 | | Teller Power Company, Helen M. Blodgett and Robert R. Blodgett d/b/a |
| Tok/Dot Lake | 20.91 | 93.05 | 180.10 | 259.65 | | Alaska Power & Telephone Company |
| Unalakleet | 38.08 | 132.40 | 250.30 | 368.20 | 11.6306¢/KWH | Matanuska Electric Association, Inc. |
| Valdez | 18.81 | 70.06 | 116.11 | 160.17 | | Copper Valley Electric Association, Inc. |
| Whittier | 19.37 | 68.22 | 106.22 | 121.22 | | Chugach Electric Association, Inc. |
| Yakutat | 24.90 | 102.70 | 192.20 | 276.70 | 3.56¢/KWH | Yakutat Power, Inc. |

[1] State assistance credited to customer bills on a cents/KWH basis for consumption up to 600 KWH per customer.

1981 KWH SALES
REGULATED ELECTRIC UTILITIES

| | KWH SALES | | |
|---|---|---|---|
| | Residential | Commercial and Other | Total |
| Alaska Electric Light & Power Co. | 64,387,000 | 72,314,000 | 136,701,000 |
| Alaska Power & Telephone Co. | (Not Detailed) | | 13,888,687 |
| Alaska Village Electric Cooperative, Inc. | 6,190,411 | 12,216,987 | 18,407,398 |
| Aniak Light & Power Co. | (Not Detailed) | | 1,047,962 |
| Arctic Utilities, Inc. | -0- | 9,686,182 | 9,686,182 |
| Barrow Utilities and Electric Coop., Inc. | 3,796,587 | 9,666,156 | 13,462,743 |
| Bethel Utilities Corp., Inc. | 5,463,625 | 15,565,615 | 21,029,240 |
| Bettles Light and Power, Inc. | 28,887 | 819,129 | 848,016 |
| Chugach Electric Association, Inc. | 498,401,898 | 348,977,626 | 847,379,524 |
| Circle Electric, Richard Hutchinson d/b/a | 1981 Annual Report Not Submitted | | |
| Copper Valley Electric Association, Inc. | 10,602,275 | 28,751,094 | 39,353,369 |
| Fort Yukon Utilities | 354,310 | 1,353,847 | 1,708,157 |
| Golden Valley Electric Association, Inc. | 133,871,644 | 159,783,248 | 293,654,892 |
| Haines Light & Power Co. | 2,382,133 | 3,960,875 | 6,343,008 |
| Homer Electric Association, Inc. | 117,273,022 | 174,654,361 | 291,927,383 |
| Kodiak Electric Association, Inc. | 15,514,015 | 39,884,429 | 55,398,444 |
| Kotzebue Electric Association, Inc. | 2,456,500 | 7,862,400 | 10,318,900 |
| M & D Enterprises, Daniel and Margaret Patrick d/b/a | (Not Reported) | | |
| Matanuska Electric Association, Inc. | 176,580,445 | 79,294,955 | 255,875,400 |
| McGrath Light & Power Co. | 420,000 | 2,205,000 | 2,625,000 |
| Municipality of Anchorage d/b/a Municipal Light & Power Department | 119,956,869 | 439,151,795 | 559,108,664 |
| Northern Power & Engineering Corp., Inc. | 514,661 | 2,181,624 | 2,696,285 |
| Northway Power and Light Co., Inc. | (Not Detailed) | | 1,042,583 |
| Nushagak Electric Coop., Inc. | 2,494,986 | 5,375,694 | 7,870,680 |
| Pelican Utility Company | 550,251 | 2,088,469 | 2,638,720 |
| Pelican Utility Co. - Sand Point Service Area | 1,048,192 | 4,697,408 | 5,745,600 |
| Tanana Power Company, J. Clifton Eller d/b/a | 611,913 | 1,166,143 | 1,778,056 |
| Teller Power Company, Helen M. and Robert R. Blodgett d/b/a | 1981 Annual Report Not Submitted | | |
| Tlingit-Haida Regional Electrical Authority | 2,391,623 | 3,272,825 | 5,664,448 |
| Yakutat Power, Inc. | 1,334,194 | 2,208,949 | 3,543,143 |

## GAS UTILITIES
(1981 Reporting Year)

| Utility | Net Plant | Total Revenues | Net Income | Users |
|---|---|---|---|---|
| CLASS A | | | | |
| ENSTAR Natural Gas | $35,908,220 | $43,651,590 | $1,513,622 | 46,606 |
| Alaska Pipeline Company (Transmission) | 29,187,986 | 31,694,369 | 2,027,442 | 1 |
| Subtotal CLASS A | $65,096,206 | $75,345,959 | $3,541,064 | 46,607 |
| CLASS C | | | | |
| Barrow Utilities & Electric Cooperative, Inc. | $ 99,767 | $ 642,888 | $ 172,134[1] | 644 |
| Kenai Utility Service Corporation | 1,257,584 | 828,735 | 102,187 | 1,380 |
| Subtotal CLASS C | $ 1,357,351 | $ 1,471,623 | $ 274,321 | 2,024 |
| TOTALS - Classes A & C | $66,453,557 | $76,817,582 | $3,815,385 | 48,631 |

## GAS UTILITIES NOT REGULATED AS TO RATES AND SERVICES

Kenai, City of

## SAMPLE MONTHLY RESIDENTIAL GAS RATES
(As of December 31, 1982)

| COMMUNITY | MIN. BILL | 10 MCF[2] | 50 MCF[2] | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|
| Anchorage | $ 4.42 | $21.17[3] | 87.27[3] | ENSTAR Natural Gas |
| Barrow | 11.00 | 20.00 | 87.50 | Barrow Utilities and Electric Cooperative, Inc. |
| Kenai | 8.08 | 23.78 | 91.78 | Kenai Utility Service Corporation |

[1] Net Operating Income

[2] Thousand cubic feet

[3] Sample bills include monthly purchased gas cost adjustment.

## REFUSE UTILITIES
## (1981 REPORTING YEAR)

| Utility | Net Plant | Total Revenues | Net Income | Customers |
|---|---|---|---|---|
| Anchorage Refuse, Inc. | $1,044,023 | $4,165,172 | $198,444 | 17,669 |
| Burton Carver & Co., Inc. (Hope and Turnagain Arm)[1] | --- | --- | --- | --- |
| Burton Carver & Co., Inc. (Homer)[1] | --- | --- | --- | --- |
| Channel Sanitation[1] | --- | --- | --- | --- |
| Drake's Sanitation Service,[1] Harvey Drake d/b/a | --- | --- | --- | --- |
| Eagle River Refuse, Inc. | 924 | 311,816 | (7,223) | 2,168 |
| Far North Sanitation Service, Inc. | 315,252 | 594,752 | (1,283) | 637 |
| Kodiak Sanitation, Inc. | 125,713 | 417,062 | 52,316 | 231 |
| Peninsula Sanitation Co.[1] | --- | --- | --- | --- |
| TOTALS | $1,485,912 | $5,488,802 | $242,254 | 20,705 |

## REFUSE UTILITIES CERTIFICATED BUT NOT REGULATED AS TO RATES AND SERVICES

Anchorage, Municipality of

Bob's Disposal Service,
Bobby C. Pate d/b/a

Colville Environmental Services

Copper Valley Construction Company

Delta Sanitation,
Joe Peters d/b/a

Dillingham Refuse, Inc.

Duke, Allan W.

Fairbanks, City of

Haines Sanitation,
Frank E. and Arla L. Shull d/b/a

Interior Services,
Ralph L. Bartlett d/b/a

Irwin's Garbage Disposal,
John D. or Jennie Irwin d/b/a

J. D. Refuse Service,
Delores R. Burnham d/b/a

Lando Collection & Disposal Service,
Chris Lando d/b/a

March Disposal
Robert Marlow and George Chapman d/b/a

Marche Sanitation,
Chris Escalante and Marc Golat d/b/a

Naabia Niign, Ltd.

North Slope Borough

Palmer, City of

Patterson Sanitation & Refuse Service

Seward Service,
Herman E. Leirer d/b/a

Shelborne, David R.

Tongass Sanitation
Wallace A. and Diana L. Crowe d/b/a

Valdez Alaska Terminals, Inc.

Wasilla Refuse, Inc.

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[1] Report Not Submitted

## SAMPLE MONTHLY RESIDENTIAL REFUSE RATES

(As of December 31, 1982)

| COMMUNITY | 1 RECEPTACLE 1 PICK-UP/ WEEK | 2 RECEPTACLES 1 PICK-UP/ WEEK | UTILITY |
|---|---|---|---|
| Anchorage | $ 8.50 | $ 8.50 | Anchorage Refuse, Inc. |
| Eagle River | 9.67 | 9.67 | Eagle River Refuse, Inc. |
| Fairbanks | 6.00 | 6.00 | Far North Sanitation Services |
| Girdwood/Alyeska | 11.50 | 11.50 | Burton Carver & Co., Inc. |
| Homer | 9.23 | 12.98 | Burton Carver & Co., Inc. |
| Hope-Turnagain Arm | 11.50 | 11.50 | Burton Carver & Co., Inc. |
| Juneau | 11.91 | 11.91 | Channel Sanitation |
| Kenai | 7.88 | 11.17 | Peninsula Sanitation Co. |
| Kodiak | 5.50 | 5.50 | Kodiak Sanitation, Inc. |

## SEWER UTILITIES
(1981 Reporting Year)

| Utility | Net Plant[1] | Total Revenues | Net Income | Users |
|---|---|---|---|---|
| CLASS A | | | | |
| Anchorage Sewer Utility, Municipality of Anchorage d/b/a | $31,858,663 | $ 9,895,479 | $ 989,098 | 31,759 |
| College Utilities Corp. | 646,058 | 841,627 | 62,512 | 870 |
| Subtotal - CLASS A | 30,504,721 | 10,737,106 | 1,051,610 | 32,629 |
| CLASS C | | | | |
| Barrow Utilities & Electric Cooperative, Inc. | -----[2] | 241,352 | (32,400) | 3 |
| Subtotal - CLASS C | ----- | 241,352 | (32,400) | 3 |
| CLASS D | | | | |
| Rangeview Utilities[3] | ----- | ----- | ---- | ----- |
| Salmantof Utilities, Inc. | 50,000 | 297 | 297 | 3 |
| Settlers Bay Properties, Inc.[4] | -0- | 65 | (9,467) | 1 |
| Subtotal - CLASS D | 50,000 | 362 | (9,170) | 4 |
| TOTALS - Classes A, C & D | $32,554,721 | $10,978,820 | $1,010,040 | 32,636 |

## SEWER UTILITIES CERTIFICATED BUT NOT REGULATED AS TO RATES & SERVICES

Copper Valley Construction Company

| | | |
|---|---|---|
| Cordova, City of | Kenai, City of | Seldovia, City of |
| Craig, City of | Kodiak, City of | Seward, City of |
| Dillingham, City of | Kotzebue, City of | Sitka, City & Borough of |
| Haines, City of | Nome, City of | Skagway, City of |
| Homer, City of | North Pole, City of | Soldotna, City of |
| Hoonah, City of | Palmer, City of | Valdez, City of |
| Juneau, City & Borough of | Petersburg, City of | Whittier, City of |
| Kake, City of | Saxman, City of | Wrangell, City of |

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[1] Net of contributions in aid of construction.

[2] Sewer plant not segregated.

[3] Report not received.

[4] Six months ended December 31, 1981.

## SAMPLE MONTHLY RESIDENTIAL SEWER RATES
(As of December 31, 1982)

| COMMUNITY | FLAT RATE | UTILITY SERVING COMMUNITY |
|---|---|---|
| Anchorage | $ 7.50 | Anchorage Sewer Utility, Municipality of Anchorage d/b/a |
| College | 23.22 | College Utilities Corp. |
| Eagle River | 7.50 | Anchorage Sewer Utility, Municipality of Anchorage d/b/a |
| Girdwood | 7.50 | Anchorage Sewer Utility, Municipality of Anchorage d/b/a |
| Kenai | 13.50 | Salmantof Utilities, Inc. |
| Settler's Bay | 10.85 | Settler's Bay Properties, Inc. |

TELECOMMUNICATION UTILITIES
(1981 REPORTING YEAR)

| Utility | Net Plant | Total Revenues | Net Income | Main Stations[1] | Telephones |
|---|---|---|---|---|---|
| CLASS A | | | | | |
| Alascom, Inc.[3] | $333,533,607 | $200,329,096 | $36,559,886 | 181 | 1,175 |
| Anchorage Telephone Utility, Municipality of Anchorage d/b/a | 132,136,790 | 64,856,826 | 5,707,461 | 79,727 | 154,407 |
| Arctic Slope Telephone Association Coop., Inc. | 3,744,128 | 1,764,698 | 167,691 | 953 | 1,375 |
| Bristol Bay Telephone Communications Cooperative, Inc. | 3,251,778 | 1,380,552 | (68,669) | 469 | 627 |
| Bush-Tell, Incorporated | 455,819 | 458,130 | 55,491 | 231 | (2) |
| Copper Valley Telephone Cooperative, Inc. | 6,899,432 | 2,489,002 | 287,716 | 2,404 | 4,160 |
| General Telephone Company of Alaska | 8,712,488 | 5,328,211 | 467,237 | 7,699 | 13,489 |
| Glacier State Telephone Company | 57,917,388 | 26,235,045 | 3,394,022 | 18,120 | 26,138 |
| Interior Telephone Company | 6,398,876 | 2,517,378 | 192,394 | 1,532 | 1,941 |
| Juneau & Douglas Telephone Company | 19,375,018 | 12,175,376 | 1,692,158 | 11,489 | 16,713 |
| Matanuska Telephone Association, Inc. | 37,577,602 | 9,881,148 | 755,416 | 12,812 | 18,932 |
| National Utilities, Inc. | 463,892 | 772,654 | 177,542 | (2) | 1,424 |
| Mushagak Telephone Cooperative, Inc. | 2,102,716 | 796,957 | 132,881 | (2) | (2) |
| OTZ Telephone Cooperative, Inc. | 2,340,583 | 868,437 | 72,091 | 955 | 1,493 |
| Sitka Telephone Company | 5,307,625 | 3,057,454 | 292,313 | 4,336 | 6,735 |
| Telephone Utilities of Alaska, Inc. | 3,812,059 | 1,463,978 | 172,143 | 1,613 | 3,142 |
| United Utilities, Inc. | 5,291,061 | 1,571,702 | 214,314 | 1,350 | 1,461 |
| Yukon Telephone Company | 635,972 | 408,363 | 40,586 | 178 | 248 |
| Subtotal - CLASS A | $629,956,834 | $336,355,007 | $50,312,673 | 144,049 | 253,460 |

[1] Main Station: A telephone station which is connected directly to a central office and which has a unique telephone number, not an extension station.

[2] Not Reported.

[3] Includes both long lines and St. Paul local exchange operations.

TELECOMMUNICATION UTILITIES (CONT.)
(1981 REPORTING YEAR)

| Utility | Net Plant | Total Revenues | Net Income | Main Stations[1] | Telephones |
|---|---|---|---|---|---|
| CLASS B | | | | | |
| Mukluk Telephone Company, Inc. | $ 2,280,461 | $ 171,060 | $ (63,872) | 129 | 134 |
| Subtotal - CLASS B | $ 2,280,461 | $ 171,060 | $ (63,872) | 129 | 134 |
| CLASS C | | | | | |
| Whittier Telephone Company | $ 29,177 | $ 51,835 | $ (8,864) | 100 | 100 |
| Subtotal - CLASS C | $ 29,177 | $ 51,835 | $ (8,864) | 100 | 100 |
| TOTAL - CLASSES A, B,& C | $632,266,472 | $336,577,902 | $50,239,937 | 144,278 | 253,694 |

CERTIFICATED BUT NOT REGULATED AS TO RATES AND SERVICES

Bettles Telephone, Inc.
Cordova Telephone Co-op, Inc.
Fairbanks, City of
Ketchikan, City of
Manley Utility Co., Inc.
Radio Communications, Inc.[4]
Communications Equipment & Service, Inc.[4]
Kodiak Radio, Inc.[4]
Girl Friday Communications, Inc.[4]

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[1] Main Station: A telephone station which is connected directly to a central office and which has a unique telephone number, not an extension station.

[4] Radio-Telephone Utilities.

## SAMPLE MONTHLY RESIDENTIAL TELEPHONE RATES[1]
(AS OF DECEMBER 31, 1982)

| COMMUNITY | 1 PARTY | 2 PARTY | 4 PARTY | MULTI PARTY | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|
| Akiachak | $16.00 | $ --- | $ --- | $ --- | United Utilities, Inc. |
| Akolmuit | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Alakanuk | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Aleknagik | 16.00 | --- | --- | --- | Nushagak Telephone Cooperative, Inc. |
| Ambler | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Anaktuvuk Pass | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Anchorage | | | | | Anchorage Telephone Utility, Municipality of Anchorage d/b/a |
| Zone 1 | 9.05 | --- | --- | --- | |
| Zone 2 | 10.15 | --- | --- | --- | |
| 2A-1 | 10.95 | --- | --- | --- | |
| 2A-2 | 11.75 | --- | --- | --- | |
| 2A-3 | 12.55 | --- | --- | --- | |
| 2A-4 | 13.35 | --- | --- | --- | |
| 2A-5 | 14.15 | --- | --- | --- | |
| 2A-6 | 14.95 | --- | --- | --- | |
| Angoon | 9.00 | --- | --- | --- | Sitka Telephone Company |
| Aniak | 13.00 | 11.00 | 10.00 | 9.00 | Bush-Tell, Inc. |
| Anvik | 13.00 | 11.00 | 10.00 | 9.00 | Bush-Tell, Inc. |
| Atkasook | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Auke Bay | | | | | Juneau & Douglas Telephone Company |
| Zone 1 | 21.99 | --- | --- | 11.72 | |
| Zone 2 | 25.01 | --- | --- | 11.72 | |
| Barrow | 14.00 | 12.00 | 10.00 | 10.00 | General Telephone Company of Alaska |
| Bethel | 13.00 | 11.00 | 9.00 | 9.00 | General Telephone Company of Alaska |
| Big Lake | 11.65 | 10.75 | 10.00 | 9.25 | Matanuska Telephone Association, Inc.[3] |

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[1] The sample rates do not include additional charges often made when service is outside a base rate area.

[2] The 4-party and multi-party rates listed are the utility's rates for "more than 2 parties."

[3] This utility has multi-part rates. The amounts in the chart assume that the utility is providing one telephone instrument, necessary wiring, and access to the telephone network.

## SAMPLE MONTHLY RESIDENTIAL TELEPHONE RATES (CONT.)[1]
(AS OF DECEMBER 31, 1982)

| COMMUNITY | 1 PARTY | 2 PARTY | 4 PARTY | MULTI PARTY | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|
| Bird Creek | $13.25 | $11.25 | $10.00 | $ --- | Anchorage Telephone Utility, Municipality of Anchorage d/b/a |
| Buckland | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Candle | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Cantwell | 11.65 | --- | --- | 9.25 | Matanuska Telephone Association, Inc.[3] |
| Chefornak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Chevak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Chitina | 14.00 | --- | --- | --- | Copper Valley Telephone Coop., Inc. |
| Chugiak | 16.85 | --- | --- | --- | Matanuska Telephone Association, Inc.[3] |
| Cold Bay | 24.06 | --- | --- | --- | Interior Telephone Company |
| Cooper Landing | 27.38 | --- | --- | --- | Interior Telephone Company |
| Craig[2] | 10.00 | 8.00 | 6.00 | 6.00 | National Utilities, Inc. |
| Deadhorse/Prudhoe Bay | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Deering | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Delta Junction | 25.80 | 22.29 | 18.72 | --- | Glacier State Telephone Company |
| Dillingham | 16.00 | --- | --- | --- | Nushagak Telephone Cooperative, Inc. |
| Douglas | 13.53 | --- | 8.70 | --- | Juneau & Douglas Telephone Company |
| Eagle River | 16.85 | --- | --- | --- | Matanuska Telephone Association, Inc.[3] |
| Elim | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Emmonak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Fort Wainwright | 8.00 | 6.00 | --- | --- | Telephone Utilities of Alaska, Inc. |
| Fort Greely | 25.80 | --- | --- | --- | Glacier State Telephone Company |
| Fort Yukon | 24.06 | --- | --- | --- | Interior Telephone Company |
| Galena | 27.38 | --- | --- | --- | Interior Telephone Company |
| Gambell | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Girdwood | 11.00 | 9.00 | 7.75 | --- | Anchorage Telephone Utility, Municipality of Anchorage d/b/a |
| Glennallen | 12.00 | 10.00 | --- | --- | Copper Valley Telephone Coop., Inc. |
| Goodnews Bay | 16.00 | --- | --- | --- | United Utilities, Inc. |

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[1] The sample rates do not include additional charges often made when service is outside a base rate area.

[2] The 4-party and multi-party rates listed are the utility's rates for "more than 2 parties."

[3] This utility has multi-part rates. The amounts in the chart assume that the utility is providing one telephone instrument, necessary wiring, and access to the telephone network.

## SAMPLE MONTHLY RESIDENTIAL TELEPHONE RATES (CONT.)[1]
(AS OF DECEMBER 31, 1982)

| COMMUNITY | 1 PARTY | 2 PARTY | 4 PARTY | MULTI PARTY | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|
| Grayling | $13.00 | $11.00 | $10.00 | $ 9.00 | Bush-Tell, Inc. |
| Gustavus | 9.00 | 7.00 | 6.00 | --- | Sitka Telephone Company |
| Haines | 8.00 | 6.50 | 5.75 | 5.75 | General Telephone Company of Alaska |
| Healy | 11.65 | 10.75 | 10.00 | 9.25 | Matanuska Telephone Association, Inc.[3] |
| Holy Cross | 13.00 | 11.00 | 10.00 | 9.00 | Bush-Tell, Inc. |
| Homer | 18.29 | 14.78 | 12.32 | --- | Glacier State Telephone Company |
| Hoonah | 9.00 | 7.00 | 6.00 | --- | Sitka Telephone Company |
| Hooper Bay | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Hope | 11.00 | 9.00 | 7.75 | --- | Anchorage Telephone Utility, Municipality of Anchorage d/b/a |
| Hydaburg[2] | 10.00 | 8.00 | 6.00 | 6.00 | National Utilities, Inc. |
| Hyder | 3.95 | 3.10 | --- | --- | General Telephone Company of Alaska |
| Iliamna | 27.38 | --- | --- | --- | Interior Telephone Company |
| Indian | 13.25 | 11.25 | 10.00 | --- | Anchorage Telephone Utility, Municipality of Anchorage d/b/a |
| Juneau | | | | | Juneau & Douglas Telephone Company |
| Zone 1 | 13.53 | --- | 8.70 | --- | |
| Zone 2 | 16.55 | --- | --- | 11.72 | |
| Kake | 9.00 | --- | --- | --- | Sitka Telephone Company |
| Kaktovik | 12.50 | --- | --- | --- | Arctic Slope Telephone Association Coop., Inc. |
| Kasigluk | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Kenai | 22.23 | 18.72 | 17.12 | --- | Glacier State Telephone Company |
| Kiana | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| King Cove | 27.38 | --- | --- | --- | Interior Telephone Company |
| King Salmon | 16.00 | 14.00 | 12.00 | --- | Bristol Bay Telephone Communications Coop., Inc. |
| Kipnuk | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Kivalina | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Klawock | 9.00 | --- | --- | --- | Sitka Telephone Company |

(1) The sample rates do not include additional charges often made when service is outside a base rate area.

(2) The 4-party and multi-party rates listed are the utility's rates for "more than 2 parties."

(3) This utility has multi-part rates. The amounts in the chart assume that the utility is providing one telephone instrument, necessary wiring, and access to the telephone network.

## SAMPLE MONTHLY RESIDENTIAL TELEPHONE RATES (CONT.)[1]
(AS OF DECEMBER 31, 1982)

| COMMUNITY | 1 PARTY | 2 PARTY | 4 PARTY | MULTI PARTY | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|
| Kobuk | $14.50 | $ --- | $ --- | $ --- | OTZ Telephone Cooperative, Inc. |
| Kodiak | 16.44 | 12.32 | --- | --- | Glacier State Telephone Company |
| Kotlik | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Kotzebue | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Koyuk | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Kwethluk | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Marshall | 16.00 | --- | --- | --- | United Utilities, Inc. |
| McGrath | 13.00 | --- | --- | --- | General Telephone Company of Alaska |
| Metlakatla | 9.00 | 7.50 | --- | --- | General Telephone Company of Alaska |
| Moose Pass | 11.00 | 9.00 | 7.75 | 7.75 | General Telephone Company of Alaska |
| Mountain Village | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Naknek | 16.00 | 14.00 | 12.00 | --- | Bristol Bay Telephone Communications Coop., Inc. |
| Napakiak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Nenana | 25.80 | 22.29 | 18.72 | --- | Glacier State Telephone Company |
| Napaskiak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Newtok | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Ninilchik | 22.23 | --- | 17.12 | --- | Glacier State Telephone Company |
| Noatak | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Nome | 9.05 | 7.75 | 6.05 | 6.05 | General Telephone Company Of Alaska |
| Noorvik | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| North Pole | 25.80 | 22.29 | 18.72 | --- | Glacier State Telephone Company |
| Northway | 15.00 | --- | --- | --- | Sitka Telephone Company |
| Nuigsut | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Nulato | 17.50 | --- | --- | --- | Sitka Telephone Company |
| Nunapitchuk | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Palmer | 11.65 | 10.75 | 10.00 | 9.25 | Matanuska Telephone Association, Inc.[3] |
| Pelican | 8.00 | --- | --- | --- | Sitka Telephone Company |
| Petersburg | 11.00 | 9.00 | 7.75 | 7.75 | General Telephone Company of Alaska |
| Pilot Station | 16.00 | --- | --- | --- | United Utilities, Inc. |

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[1] The sample rates do not include additional charges often made when service is outside a base rate area.

[2] The 4-party and multi-party rates listed are the utility's rates for "more than 2 parties."

[3] This utility has multi-part rates. The amounts in the chart assume that the utility is providing one telephone instrument, necessary wiring, and access to the telephone network.

## SAMPLE MONTHLY RESIDENTIAL TELEPHONE RATES (CONT.)[1]
(AS OF DECEMBER 31, 1982)

| COMMUNITY | 1 PARTY | 2 PARTY | 4 PARTY | MULTI PARTY | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|
| Platinum | $16.00 | $ --- | $ --- | $ --- | United Utilities, Inc. |
| Point Hope | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Point Lay | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Port Lions | 14.93 | --- | --- | --- | Interior Telephone Company |
| Quinhagak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Ruby | 8.00 | --- | --- | --- | Yukon Telephone Company, Inc. |
| Russian Mission | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Saint Marys | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Saint Michael | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Saint Paul | 14.85 | --- | --- | --- | Alascom, Inc.[3] |
| Sand Point | 14.93 | --- | --- | --- | Interior Telephone Company |
| Savoonga | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Scammon Bay | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Selawik | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Seldovia | 24.26 | 20.75 | 17.49 | --- | Glacier State Telephone Company |
| Seward | 11.00 | 9.00 | 7.75 | 7.75 | General Telephone Company of Alaska |
| Shaktoolik | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Shishmaref | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Shungnak | 14.50 | --- | --- | --- | OTZ Telephone Cooperative, Inc. |
| Sitka | 9.00 | 8.00 | 7.00 | 6.00 | Sitka Telephone Company |
| Skagway[2] | 8.00 | 7.00 | 6.00 | 6.00 | National Utilities, Inc. |
| Soldotna | 22.23 | 18.72 | 17.11 | --- | Glacier State Telephone Company |
| Stebbins | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Talkeetna | 11.65 | 10.75 | 10.00 | 9.25 | Matanuska Telephone Association, Inc.[3] |
| Tanana | 8.00 | --- | --- | --- | Yukon Telephone Company, Inc. |
| Tatitlek | 14.00 | --- | --- | --- | Copper Valley Telephone Coop., Inc. |
| Teller | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Thorne Bay | 9.00 | --- | --- | --- | Sitka Telephone Company |
| Togiak | 16.00 | --- | --- | --- | United Utilities, Inc. |

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[1] The sample rates do not include additional charges often made when service is outside a base rate area.

[2] The 4-party and multi-party rates listed are the utility's rates for "more than 2 parties."

[3] This utility has multi-part rates. The amounts in the chart assume that the utility is providing one telephone instrument, necessary wiring, and access to the telephone network.

## SAMPLE MONTHLY RESIDENTIAL TELEPHONE RATES (CONT.)[1]
(AS OF DECEMBER 31, 1982)

| COMMUNITY | 1 PARTY | 2 PARTY | 4 PARTY | MULTI PARTY | UTILITY SERVING COMMUNITY |
|---|---|---|---|---|---|
| Tok[2] | $12.00 | $10.00 | $ 6.00 | $ 6.00 | National Utilities, Inc. |
| Toksook Bay | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Tununak | 16.00 | --- | --- | --- | United Utilities, Inc. |
| Tyonek | 11.65 | --- | --- | --- | Matanuska Telephone Association, Inc.[3] |
| Unalakleet | 13.00 | --- | --- | --- | General Telephone Company of Alaska |
| Unalaska | 27.38 | --- | --- | --- | Interior Telephone Company |
| Valdez | 10.00 | --- | --- | --- | Copper Valley Telephone Coop., Inc. |
| Wainwright | 12.50 | --- | --- | --- | Arctic Slope Telephone Assoc. Coop., Inc. |
| Wales | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Wasilla | 11.65 | 10.75 | 10.00 | --- | Matanuska Telephone Association, Inc.[3] |
| White Mountain | 15.50 | --- | --- | --- | Mukluk Telephone Company, Inc.[3] |
| Whittier | 11.00 | --- | --- | --- | Whittier Telephone Company |
| Willow | 11.65 | 10.75 | 10.00 | 9.25 | Matanuska Telephone Association, Inc.[3] |
| Wrangell | 11.00 | 9.00 | 7.75 | 7.75 | General Telephone Company of Alaska |
| Yakutat | 8.00 | --- | --- | --- | Sitka Telephone Company |

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(1) The sample rates do not include additional charges often made when service is outside a base rate area.

(2) The 4-party and multi-party rates listed are the utility's rates for "more than 2 parties."

(3) This utility has multi-part rates. The amounts in the chart assume that the utility is providing one telephone instrument, necessary wiring, and access to the telephone network.

## BUSH PROGRAM

(Communities which are receiving dial telephone service through the Bush Telephone Program of Alascom, Inc.)

Akhiok
Arctic Village
Atka
Beaver
Birch Creek
Cape Pole
Chignik Lagoon
Chignik Lake
Chuathbaluk
Clark's Point
Council
Crooked Creek
Eek
Egegik
Ekuk
Ekwok
Elfin Cove
English Bay
Golovin
Halibut Cove
Iguigig
Ivanof Bay
Kalskag
Karluk
Kasaan
Kobuk
Kokhonak
Koliganek
Kongiganak
Koyukuk
Kwigillingok
Larsen Bay
Levelock
Lime Village
Little Diomede
Lower Kalskag
Manokotak
Mentasta
Meshik
Minto
New Stuyahok
Nightmute
Nikolai
Nondalton
Oscarville
Pedro Bay
Perryville
Pilot Point
Point Baker
Port Alsworth
Port Graham
Port Protection
Portage Creek
Rampart
Red Devil
Shageluk
Sheldon Point
Sleetmute
Squaw Harbor
Stevens Village
Stony River
Telida
Tetlin
Tokotna
Tuluksak
Tuntutuliak
Twin Hills
Venetie

## WATER UTILITIES

(1981 Reporting Year)

| Utility | Net Plant[1] | Gross Revenues | Net Income | Users |
|---|---|---|---|---|
| CLASS A | | | | |
| Anchorage Water Utility, Municipality of Anchorage d/b/a | $23,029,054 | $ 5,846,609 | $1,016,854 | 17,096 |
| Barrow Utilities & Electric Coop., Inc. | ---[2] | 1,065,712 | 400,135[3] | 9 |
| Central Alaska Utilities, Inc. | 8,176,878 | 3,257,377 | 637,821 | 11,505 |
| College Utilities Corp. | 1,808,364 | 825,644 | 184,437 | 896 |
| Subtotal - CLASS A | $33,014,296 | $10,995,342 | $2,239,247 | 29,506 |
| CLASS C | | | | |
| Alyeska Utilities, Inc. | $ 69,808 | $ 76,055 | $ 7,954[3] | 363 |
| Eagle River Heights Utilities, Inc.[5] | --- | --- | --- | --- |
| Norfolk Utilities & Development, Inc. | 746,467 | 53,999 | (3,559) | 215 |
| S & S Development | 313,603 | 79,398 | 7,203 | 523 |
| Valley Water Company, Inc. | 290,928 | 63,000 | (30,964) | 155 |
| Subtotal - CLASS C | $ 1,420,806 | $ 272,452 | $ (19,366) | 1,256 |
| CLASS D | | | | |
| Chugiak Utilities, Inc. | $ 9,835 | $ 879 | $ (3,354) | 13 |
| Dawn Development Corporation[5] | --- | --- | --- | --- |
| Eklutna Utilities, Inc. | 339,852 | 17,874 | (80,767) | 75 |
| Glacier Utilities, Inc.[5] | --- | --- | --- | --- |
| Kwik Log Water System[5] Myron Allon Newton d/b/a | --- | --- | --- | --- |
| Lazy Acres Subdivision Water Co.,[5] Patricia S. Sebrayer d/b/a | --- | --- | --- | --- |
| McCann, Alfred O. | 110,060 | 19,620 | 6,487 | 77 |
| McGahan Utilities, Inc. | 38,419 | 16,195 | 12,314 | ---[6] |
| Matanuska Utility Co., Inc.[5] | --- | --- | --- | --- |
| Medenhaven Improvement & Maintenance Corp. | 39,256 | 21,140 | 9,771 | 178 |
| Paul Omlin, Inc.[4] | 38,158 | -0- | -0- | -0- |
| Pelican Utility Company | 107,080 | 8,066 | (6,177) | 74 |
| Rangeview Utilities[5] | --- | --- | --- | --- |

[1] Net of contributions in aid of construction

[2] Water plant not segregated

[3] Net operating income from water operations

[4] Not operating in 1981

[5] Report not received

[6] Not reported

## WATER UTILITIES

(1981 Reporting Year)

| Utility | Net Plant[1] | Gross Revenues | Net Income | Users |
|---|---|---|---|---|
| CLASS D (CONT.) | | | | |
| Rhodes, R.J. & Clara | 66,318 | 14,472 | (9,975) | 136 |
| Romig Park Improvement Company | 1,941 | 12,032 | 9,335 | ---[6] |
| Settlers Bay Properties, Inc. | -0- | 1,149 | (2,577) | 29 |
| Spenard Heights Water System, Wayne Cates d/b/a | 12,469 | 3,676 | (228) | 22 |
| Sunny Slopes Water System[5] | --- | --- | --- | --- |
| Subtotal - CLASS D | $ 763,388 | $ 115,103 | $ (65,171) | 604 |
| TOTAL CLASSES A, C & D | $35,198,490 | $11,382,897 | $2,154,710 | 31,366 |

### CERTIFICATED BUT NOT REGULATED AS TO RATES AND SERVICES

Copper Valley Construction Company
Cordova, City of
Craig, City of
Dillingham, City of
Fairbanks, City of
Haines, City of
Homer, City of
Hoonah, City of
Hydaburg, City of
Juneau, City & Borough of
Kake, City of
Kenai, City of
Ketchikan, City of
Klawock, City of
Kodiak, City of
Kotzebue, City of
Mountain Point Service Area of the Ketchikan Gateway Borough
Nome, City of
North Pole, City of
Palmer, City of
Petersburg, City of
Saxman, City of
Seldovia, City of
Seward, City of
Sitka, City & Borough of
Skagway, City of
Soldotna, City of
Unalaska, City of
Valdez, City of
Wasilla, City of
Whittier, City of
Wrangell, City of
Yakutat, City of

(1) Net of contribution in aid of construction
(2) Water plant not segregated
(3) Net operating income from water operations
(4) Not operating in 1981
(5) Report not received
(6) Not reported

## SAMPLE MONTHLY RESIDENTIAL WATER RATES
(As of December 31, 1982)

| COMMUNITY | LOCATION | UNMETERED FLAT RATE | UTILITY SERVING COMMUNITY |
|---|---|---|---|
| Anchorage | Anchorage | $11.90 | Anchorage Water Utility, Municipality of Anchorage d/b/a |
| | Anchorage | 20.71[1] | Central Alaska Utilities, Inc. |
| | Brookwoods Subdivision | 14.40 | Glacier Utilities, Inc. |
| | Campbell Heights | 7.60 | Glacier Utilities, Inc. |
| | Kwik Log Subdivision | 8.00 | Kwik Log Water System, Myron Allon Newton d/b/a |
| | Lazy Acres Subdivision | 8.50 | Lazy Acres Subdivision Water Company, Patricia S. Schroyer d/b/a |
| | Rangeview Trailer Court | 5.00 | Rangeview Utilities |
| | Romig Park Subdivision | 4.00 | Romig Park Improvement Company, Inc. |
| | Seacliff Subdivision | 9.00 | R.J. & Clara Rhodes |
| | Spenard Heights Subdivision | 10.50 | Spenard Heights Water System, Wayne Cates d/b/a |
| | Strutz and Morehand Subd. | 23.65 | Alfred O. McCann |
| Chugiak | North Woods Subdivision | 22.50 | Chugiak Utilities, Inc. |
| | Peters Creek | 25.00 | Dawn Development Corporation |
| | Thunderbird Heights Subd. | 24.30 | Eklutna Utilities, Inc. |
| Eagle River | Eagle River | 23.50 | Norfolk Utilities, Inc. |
| | Eagle River | 11.90 | Anchorage Water Utility, Municipality of Anchorage d/b/a |
| | Palos Verdes | 10.60 | Glacier Utilities, Inc. |
| | Sunny Slopes | 14.91 | Sunny Slopes Water System |
| Fairbanks | College | 37.56 | College Utilities Corp. |
| | Lakloey Subdivision | 45.10 | Valley Water Company, Inc. |
| Girdwood | Alyeska | 14.60 | Alyeska Utilities, Inc. |
| Juneau | Mendenhaven | 10.00 | Mendenhaven Improvement & Maintenance Corporation |
| | Switzer Village | 13.00 | S & S Development |
| Kenai Peninsula | Nikiski | 12.50 | McGahan Utilities, Inc. |
| Pelican | Pelican, City of | 5.60 | Pelican Utility Company |

[1] Includes a $4.85 fire protection rate.

## SAMPLE MONTHLY RESIDENTIAL WATER RATES (CONT.)
(As of December 31, 1982)

| COMMUNITY | LOCATION | UNMETERED FLAT RATE | UTILITY SERVING COMMUNITY |
|---|---|---|---|
| Wasilla | Century Park Subdivision | 26.00 | Matanuska Utility Company, Inc. |
| | Knik Road | 7.00 | Settler's Bay Properties, Inc. |
| | Swiss Castle Estates | 23.00 | Paul Omlin, Inc. |
| | Wasilla West (Tract 1) | 23.00 | Paul Omlin, Inc. |